

This is a copy of our current printed catalog, it has actual size photos of most of the frames so that you can print the page you're interested in to see how the frame sizes compare to eyeglasses you are currently wearing. . .

How to make sure your printer prints the actual size. . .

Before you hit print, make sure the printer preferences have "print actual size" chosen and not "Fit to page", the fit to page setting will reduce or expand the page so that it is **not** the actual size. If you don't have a ruler you can use a U.S. dollar bill as a reference, it is 155.9mm wide, or 6.14 inches wide to make sure it printed the correct size. Just lay a dollar bill over the "MM ruler" Below, it should go from one end of the ruler to the other.

How to use this catalog:

We've been doing this for 47 years, during that time we have found that the best way to choose a frame size is to lay your current frame, or one that fits you well, over the actual size photos in this catalog. When you do this, keep in mind that a little difference in the size of the frame that you are comparing to the actual size photos can make a lot of difference in the way they look and fit. Differences of only 5mm or so can made a big difference in how they look on you.

Also, you can use the photos to check your temple size, the pictures show the actual size of the temples on that frame.



Don't forget, we also offer a "Try-on" program where you can order frames to try on in the comfort and privacy of your own home. You can make a decision without "sales pressure"! See page 55 of the catalog for details on the "Try-on" program.

HIDALGO'S

6507 Shreveport Hwy, Pineville, LA 71360

Fine eyewear since 1967

We've been providing eyewear for the specific jobs to be done for over **47 years!** We are open to take phone orders:

Monday thru **Thursday**, 10 AM to 2 PM Eastern Time, 9 AM to 1 PM Central, 8 AM to 12 noon Mountain, 7 AM to 11 noon Pacific Time.

Call toll-free **800-786-2021** or **318-641-7700**, or FAX **318-641-9700**, or email us anytime **hidalgos@suddenlinkmail.com**

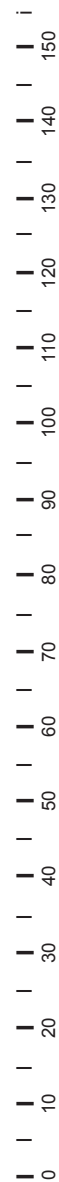
We watch our email all day, so that is the best way to contact us if you are having a hard time trying to reach us by telephone.

Catalog 153, for 2014

hidalgos@suddenlinkmail.com

Catalog Index on page 60

mm ruler,
155mm long
(size of a U.S. dollar bill)

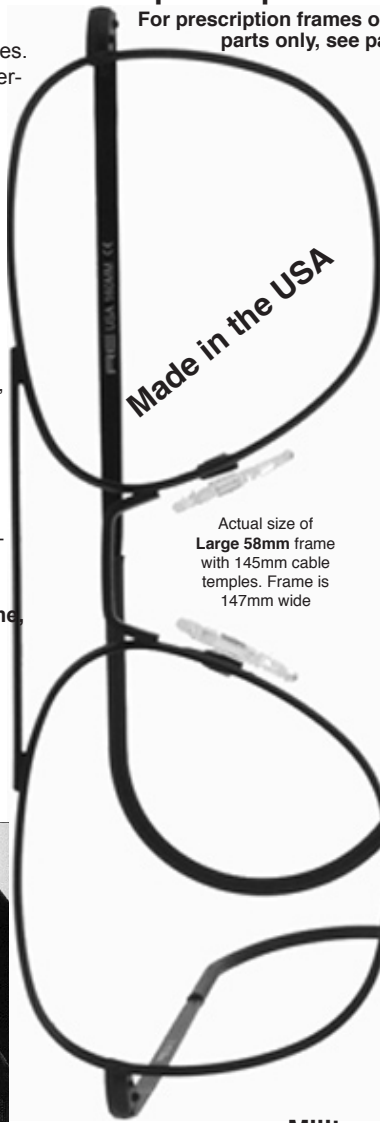


Randolph Engineering Military Sunglasses with Glass non-prescription lenses, made in the USA!!!

Made in the USA.

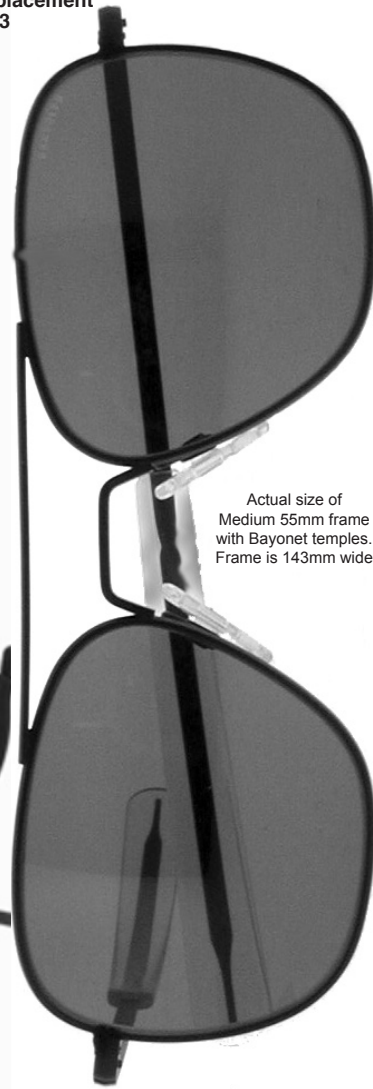
Ready to wear sunglasses, with ground and polished impact-resistant **glass** lenses. If you were in the military service in the past 60 years or so, you probably had a pair of these. They are known for their tough reliability, should give you years of service. Have been a best seller and the most reliable frame for us for many years. They have soft-silicone snap-in nose pads for easy replacement. Choice of Bayonet temples, 140mm Skulls (which we can pre-adjust for you for lengths of 130mm to 145mm) or Cable temples in many sizes (temple length are shown in the full-sized photos of each of these glasses.

Prices below include frame, choice of temples, a carrying case and non-prescription glass lenses as indicated. If you need 'Frames only' for Prescription use or parts, see page 3.



For prescription frames or replacement parts only, see page 3

Actual size of Large 58mm frame with 145mm cable temples. Frame is 147mm wide



Actual size of Medium 55mm frame with Bayonet temples. Frame is 143mm wide

Large 58mm Military Aviator Sunglasses with choice of temples and these non-prescription glass lenses:

- 5-16.....Gold frame w/Dark Grey glass 119.50
- 5-320...Gold frame w/American Grey (G-15) glass . 119.50
- 5-17.....Gold frame w/Kontraster glass..... 119.50
- 5-250...Gold frame w/Dark Grey Polarized glass 159.90
- 5-325...Gold frame w/Kontraster Polarized glass.... 159.90
- 10-69...Gold frame w/Changeable Grey glass (CM) ... 139.90

- 5-18.....Black frame w/Dark Grey glass 99.88
- 5-322...Black frame w/American Grey (G-15) glass 99.88
- 5-251...Black frame w/Kontraster glass..... 99.88
- 5-252...Black frame w/Dark Grey Polarized glass... 143.90
- 5-326...Black frame w/Kontraster Polarized glass... 143.90
- 10-72...Black frame w/Changeable Grey glass 129.90

- 5-19.....Mat Chrome frame w/Dark Grey glass..... 99.88
- 5-324...Mat Chrome w/American Grey (G-15) glass 99.88
- 5-253...Mat Chrome frame w/Kontraster glass..... 99.88
- 5-254...Mat Chrome w/Dark Grey Polarized glass .. 143.90
- 5-327...Mat Chrome w/Kontraster Polarized glass.. 143.90
- 10-75...Mat Chrome w/Changeable Grey glass 129.90

*Part numbers that begin with "10" are made with our lenses inserted in Randolph frames and will not have the Randolph Logo on them.

Military Aviator Medium 55mm Sunglasses with choice of temples and these non-prescription glass lenses:

- 5-12.....Gold frame w/Dark Grey glass 119.50
- 5-314...Gold frame w/American Grey (G-15) glass . 119.50
- 5-13.....Gold frame w/Kontraster glass..... 119.50
- 5-245...Gold frame w/Dark Grey Polarized glass 159.90
- 5-328...Gold frame w/Kontraster Polarized glass.... 159.90
- 10-60...Gold frame w/Changeable Grey glass (CM) .. 139.90

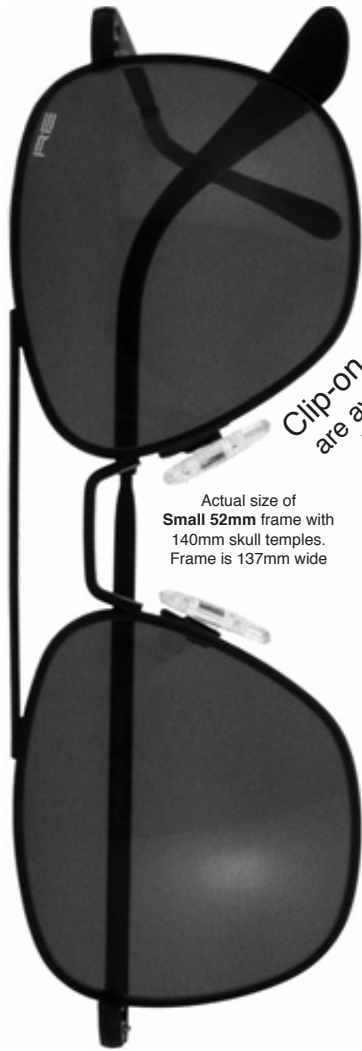
- 5-14.....Black frame w/Dark Grey glass 99.88
- 5-316...Black frame w/American Grey (G-15) glass .. 99.88
- 5-246...Black frame w/Kontraster glass..... 99.88
- 5-247...Black frame w/Dark Grey Polarized glass... 143.90
- 5-329...Black frame w/Kontraster Polarized glass... 143.90
- 10-63...Black frame w/Changeable Grey glass 129.90

- 5-15.....Mat Chrome frame w/Dark Grey glass 99.88
- 5-318...Mat Chrome w/American Grey (G-15) glass 99.88
- 5-248...Mat Chrome frame w/Kontraster glass..... 99.88
- 5-249...Mat Chrome w/Dark Grey Polarized glass .. 143.90
- 5-330...Mat Chrome w/Kontraster Polarized glass.. 143.90
- 10-66...Mat Chrome frame w/Changeable Grey..... 129.90

*Part numbers that begin with "10" are made with our lenses inserted in Randolph frames and will not have the Randolph Logo on them.

continued on next page >>>

**. . .more Randolph Military,
made in the USA!!!**



**Clip-on sunglasses
are available for the
Military Aviator
on the next page**

Actual size of
Small 52mm frame with
140mm skull temples.
Frame is 137mm wide

**Military Aviator Small 52mm
Sunglasses with choice of temples
and these non-prescription glass lenses:**

- 5-8.....Gold frame w/Dark Grey glass 119.50
 - 5-308...Gold frame w/American Grey (G-15) glass119.50
 - 5-9.....Gold frame w/Kontraster glass 119.50
 - 5-240...Gold frame w/Dark Grey Polarized glass ... 159.90
 - 5-331...Gold frame w/Kontraster Polarized glass... 159.90
 - 10-51...Gold frame w/Changeable Grey glass (CM) . 139.90

 - 5-10.....Black frame w/Dark Grey glass 99.88
 - 5-310...Black frame w/American Grey (G-15) glass 99.88
 - 5-241...Black frame w/Kontraster glass..... 99.88
 - 5-242...Black frame w/Dark Grey Polarized glass.. 143.90
 - 5-332..Black frame w/Kontraster Polarized glass... 143.90
 - 10-54...Black frame w/Changeable Grey glass 129.90

 - 5-11.....Mat Chrome frame w/Dark Grey glass 99.88
 - 5-312...Mat Chrome w/American Grey (G-15) glass ... 99.88
 - 5-243...Mat Chrome frame w/Kontraster glass..... 99.88
 - 5-244...Mat Chrome w/Dark Grey Polarized glass . 143.90
 - 5-333...Mat Chrome w/Kontraster Polarized glass. 143.90
 - 10-57...Mat Chrome frame w/Changeable Grey..... 129.90
- *Part numbers that begin with "10" are made with our lenses inserted in Randolph frames and will not have the Randolph Logo on them.

call toll-free 800-786-2021

**Randolph Military Aviator
Complete frames**

**for Prescription glasses or
custom made non-prescription glasses**
Prices below are for a complete frame, includes frame front and your choice of temples.

- 5-FAA...Gold 52mm frame w/choice of temples 108.88
- 5-FAB...Gold 55mm frame w/choice of temples 108.88
- 5-FAC...Gold 58mm frame w/choice of temples 108.88
- 5-FAD...Black 52mm frame w/choice of temples..... 92.88
- 5-FAE...Black 55mm frame w/choice of temples..... 92.88
- 5-FAF...Black 58mm frame w/choice of temples..... 92.88
- 5-FAG...Mat. Chrome 52mm frame w/choice of temples... 92.88
- 5-FAH...Mat. Chrome 55mm frame w/choice of temples... 92.88
- 5-FAJ...Mat. Chrome 58mm frame w/choice of temples... 92.88



**Randolph Military Aviator replacement
parts, fronts and temples**

If you need a complete frame for prescription use or custom-sunglass use, see the copy above. If you need only a frame front or pair of temples only, use this list.

Randolph Military Frame fronts:

This is the part that holds the lenses--no temples, lenses or cases included.

- 5-20....52mm frame front, **gold**69.88
- 5-23....55mm frame front, **gold**69.88
- 5-26....58mm frame front, **gold**69.88
- 5-21....52mm frame front, **black**62.88
- 5-24....55mm frame front, **black**62.88
- 5-27....58mm frame front, **black**62.88
- 5-22....52mm frame front, **matte chrome**62.88
- 5-25....55mm frame front, **matte chrome**62.88
- 5-28....58mm frame front, **matte chrome**62.88

Randolph Military Temples:

These temples fit the Military Aviator, Concorde. and Sportsman frames. Prices are for one pair, sold in pairs only..

- 5-29.....**Gold** 140mm skull temples54.88
- 5-32.....**Gold** Bayonet temples54.88
- 5-35.....**Gold** Cable temples (give size).....54.88
(Cable sizes available; 140, 145,150,155,160,165,170)
- 5-30.....**Black** 140mm skull temples47.88
- 5-33.....**Black** Bayonet temples47.88
- 5-36.....**Black** Cable temples (give size)47.88
Cable sizes available; 140, 145,150,155,160,165,170)
- 5-31.....**Matte Chrome** 140mm skull temples.....47.88
- 5-34.....**Matte Chrome** Bayonet temples.....47.88
- 5-37.....**Matte Chrome** Cable temples (give size).....47.88
(Cable sizes available; 140, 145,150,155,160,165,170)

Note about Randolph cable temples: The factory no longer offers cable temples, so we use their stock "140mm skull" temples to make all the cables, the temples will have 140mm stamped on them, but that will have nothing to do with the actual size of the cables.

**Clip-on sunglasses available
for the Military frames, see
next page. . .**





Clip-on Sunglasses available for the Military Aviator

You can have clip-on's that fit the Military frames. The color of the clip-on's match the frame's color. 3 letter part numbers indicate **stock** Dark Grey lenses and are **polycarbonate plastic**.

All part numbers with a -G or -K are Custom-made in our lab using CR-39 plastic lenses in Randolph frames. We can put other lenses in these, see "Custom-made Clip-on's" below. Comes with a carrying case.

Clip-on Sunglasses for the Small 52mm frames:

| | |
|---|--------|
| RDA Gold frame, Dark Grey lenses..... | 91.99 |
| RDA-K .. Gold frame, Kontraster lenses | 109.90 |
| RDB-G .. Gold frame, Dk. Grey Polarized lenses | 129.90 |
| RDC Black frame, Dark Grey lenses | 75.99 |
| RDC-K .. Black frame, Kontraster lenses | 85.90 |
| RDD-G .. Black frame, Dk. Grey Polarized lenses | 119.90 |
| RDE Matte Chrome frame, Dark Grey lenses | 75.99 |
| RDE-K .. Matte Chrome frame, Kontraster lenses | 85.90 |
| RDF-G .. Matte Chrome frame, Dk. Grey Polarized lenses ... | 119.90 |

Clip-on sunglasses for the Medium 55mm frames:

| | |
|--|--------|
| RDG Gold frame, Dark Grey lenses..... | 91.99 |
| RDG-K .. Gold frame, Kontraster lenses..... | 109.90 |
| RDH-G .. Gold frame, Dark Grey Polarized lenses..... | 129.90 |
| RDJ Black frame, Dark Grey lenses..... | 75.99 |
| RDJ-K .. Black frame, Kontraster lenses..... | 85.90 |
| RDK-G .. Black frame, Dark Grey Polarized lenses..... | 119.90 |
| RDL Matte Chrome frame, Dark Grey lenses | 75.99 |
| RDL-K .. Matte Chrome frame, Kontraster lenses | 85.90 |
| RDM-G . Matte Chrome frame, Dk. Grey Polarized lenses ... | 119.90 |

Clip-on Sunglasses for the Large 58mm frames:

| | |
|---|--------|
| RDN Gold frame, Dark Grey lenses | 91.99 |
| RDN-K .. Gold frame, Kontraster lenses | 109.90 |
| RDP-G .. Gold frame, Dark Grey Polarized lenses..... | 129.90 |
| RDQ Black frame, Dark Grey lenses..... | 75.99 |
| RDQ-K .. Black frame, Kontraster lenses..... | 85.90 |
| RDR-G .. Black frame, Dark Grey Polarized lenses..... | 119.90 |
| RDS Matte Chrome frame, Dark Grey lenses..... | 75.99 |
| RDS-K .. Matte Chrome frame, Kontraster lenses | 85.90 |
| RDT-G .. Matte Chrome frame, Dark Grey Polarized lenses .. | 119.90 |

*All of the clip-on's are available with other color lenses.

Custom-made clip-on sunglasses for the Military frames:

If you want other **plastic** or **glass** lenses installed instead of the Dark Grey stock lenses, see page 58 for selection and prices. If you are ordering custom-made clip-on's, use this clip-on "frame only" part number and price listed below, and add the cost of your lens choice from page 58. Carrying case included.

| | |
|--|-------|
| RDU-G Gold Clip-on Frame only (give frame size) | 71.90 |
| RDU-B Black Clip-on Frame only (give frame size) .. | 59.90 |
| RDU-M Matte Chrome Clip-on Frame only (give frame size) | 59.90 |

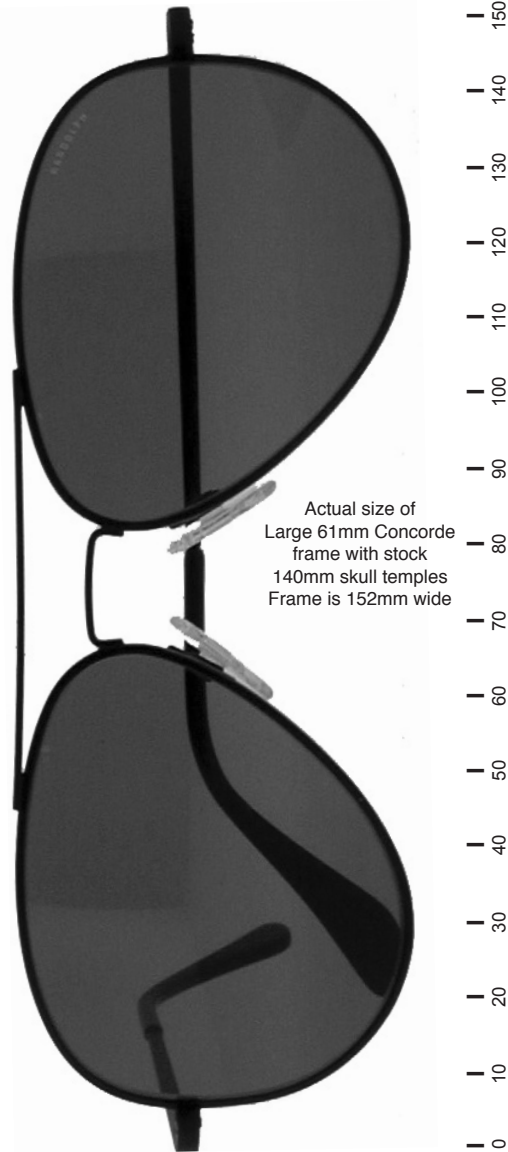
Replacement nose pads, these will fit the Concorde, Sportsman and Military Aviator.

17mm, see page 47 for details.

EK-SNAP...pair of nose pads...5.80 pair



made in U.S.A.



Actual size of Large 61mm Concorde frame with stock 140mm skull temples Frame is 152mm wide

Randolph Engineering "Concorde" metal pilot sunglasses w/glass lenses

One of the most durable frames in this catalog. It's been around over 40 years, a well proven good-looking design. Listed below is their stock **non-prescription sunglasses, with ground and polished impact-resistant glass lenses**. Gold frames are 23k gold electroplated. Soft-silicone nose pads are on adjustable arms so you can make them fit, they can be easily replaced. Includes with a really nice hard clam-shell carrying case. Comes with your choice of **Bayonet**, 140mm **Skull** or **Cable** temples (give size choice). Complete sunglasses; frame, glass non-prescription lenses and carrying case. . .

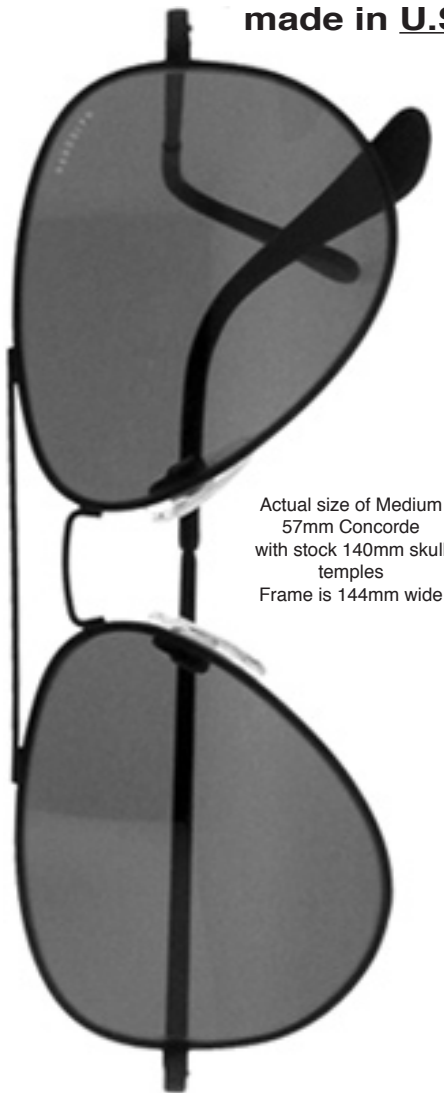
Concorde Large 61mm Sunglasses with choice of temples

| | |
|--|--------|
| 5-44..... Gold frame w/Dark Grey glass | 127.50 |
| 5-100... Gold frame w/Kontraster glass | 127.50 |
| 5-101... Gold frame w/Dark Grey Polarized glass | 167.50 |
| 5-341... Gold frame w/Kontraster Polarized glass | 167.50 |
| 10-18... Gold frame w/Changeable Grey glass | 149.90 |

| | |
|---|--------|
| 5-45..... Black frame w/Dark Grey glass | 109.88 |
| 5-102... Black frame w/Kontraster glass | 109.88 |
| 5-103... Black frame w/Dark Grey Polarized glass | 149.50 |
| 5-342... Black frame w/Kontraster Polarized glass | 149.50 |
| 10-21... Black frame w/Changeable Grey glass | 139.90 |

*Part numbers that begin with "10" are made with our lenses inserted in Randolph frames and will not have the Randolph Logo on them.

made in U.S.A.



Actual size of Medium 57mm Concorde with stock 140mm skull temples
Frame is 144mm wide

Concorde Medium 57mm Sunglasses with choice of temples

| | |
|---|--------|
| 5-42.....Gold frame w/Dark Grey glass | 127.50 |
| 5-46.....Gold frame w/Kontraster glass | 127.50 |
| 5-97.....Gold frame w/Dark Grey Polarized glass | 167.50 |
| 5-339...Gold frame w/Kontraster Polarized glass | 167.50 |
| 10-12...Gold frame w/Changeable Grey glass | 149.90 |

| | |
|--|--------|
| 5-43.....Black frame w/Dark Grey glass | 109.88 |
| 5-98.....Black frame w/Kontraster glass | 109.88 |
| 5-99.....Black frame w/Dark Grey Polarized glass | 149.50 |
| 5-340...Black frame w/Kontraster Polarized glass | 149.50 |
| 10-15...Black frame w/Changeable Grey glass | 139.90 |

*Part numbers that begin with "10" are made with our lenses inserted in Randolph frames and will not have the Randolph Logo on them.

Complete Concorde "Frames Only" for prescription or custom-made sunglass use.

Includes frame front and temples of your choice:

| | |
|--|--------|
| 5-FAM...Gold frame, 61mm size (give temple choice/size) | 115.90 |
| 5-FAP...Gold frame, 57mm size (give temple choice/size) | 115.90 |
| 5-FAQ...Gold frame, 52mm size (give temple choice/size) | 115.90 |
| 5-FAR...Black frame, 61mm size (give temple choice/size) | 99.88 |
| 5-FAS...Black frame, 57mm size (give temple choice/size) | 99.88 |
| 5-FAT...Black frame, 52mm size (give temple choice/size) | 99.88 |

Randolph Concorde replacement parts: Frame fronts:

The part that holds the lenses, no temples, lenses or cases included. (continued in next column)

| | |
|---|-------|
| 5-113...52mm Gold frame front | 77.88 |
| 5-40.....57mm Gold frame front | 77.88 |

made in U.S.A.



Actual size of Small 52mm Concorde with optional 135mm cable temples
Frame is 135mm wide

Concorde Small 52mm Sunglasses with choice of temples

| | |
|---|--------|
| 5-91.....Gold frame w/Dark Grey glass | 127.50 |
| 5-92.....Gold frame w/Kontraster glass | 127.50 |
| 5-93.....Gold frame w/Dark Grey Polarized glass | 167.50 |
| 5-337...Gold frame w/Kontraster Polarized glass | 167.50 |
| 10-7.....Gold frame w/Changeable Grey glass | 149.90 |

| | |
|--|--------|
| 5-94.....Black frame w/Dark Grey glass | 109.90 |
| 5-95.....Black frame w/Kontraster glass | 109.90 |
| 5-96.....Black frame w/Dark Grey Polarized glass | 149.90 |
| 5-338...Black frame w/Kontraster Polarized glass | 149.90 |
| 10-76...Black frame w/Changeable Grey glass | 139.90 |

frame parts continued from left column. . .

| | |
|--|-------|
| 5-38.....61mm Gold frame front | 77.88 |
| 5-114...52mm Black frame front | 67.88 |
| 5-41.....57mm Black frame front | 67.88 |
| 5-39.....61mm Black frame front | 67.88 |

Concorde Temples:

These temples fit the Military Aviator, Concorde. and Sportsman frames. Prices are for one pair, sold in pairs only.

| | |
|---|-------|
| 5-29..... Gold 140mm skull temples | 54.88 |
| 5-32..... Gold Bayonet temples | 54.88 |
| 5-35..... Gold Cable temples (give size) | 54.88 |
| (Cable sizes available; 140, 145,150,155,160,165,170) | |

Concorde parts continued in next column >>>

| | |
|--|-------|
| 5-30..... Black 140mm skull temples | 47.88 |
| 5-33..... Black Bayonet temples | 47.88 |
| 5-36..... Black Cable temples (give size) | 47.88 |
| (Cable sizes available; 140, 145,150,155,160,165,170) | |

Randolph "Sportsman" sunglasses with glass lenses, made in the USA

When was the last time you've seen

MADE in USA?

Randolph Engineering "Sportsman" metal pilot Sunglass with Brow Bar

Traditional pilot shape in a durable metal frame, these are identical to the Randolph Concorde frame, only these have the adjustable brow bar used to keep the lenses from contacting the eyebrows, thus providing ventilation and preventing perspiration from running down the lenses. Brow bars are almost a necessity with cable temples. 23k Gold electroplated or Satin Black finish. Gold frame has a demi-amber brow bar, the black frame has a black brow bar. Available in 2 sizes. Soft-silicone replaceable "snap-in" nose pads mounted on adjustable arms, can be adjusted to fit any nose size or shape. These frames come with **140mm skull temples** (which can be shortened to 135mm or lengthened to 145mm), or cable temples in 140mm to 170mm sizes, or Bayonet temples. The full-size photos of the glasses show actual sizes of 140mm cables on the Medium 57mm size frame (page 7), and 140mm skull temples on the Large 61mm size (this page). All come with a carrying case.

Sportsman Complete Sunglasses:

You get the frame with non-prescription glass lenses, choice of temples, and a **carrying case**.

SPORTSMAN Large 61mm Sunglass with choice of temples

5-225...Gold frame w/Dark Grey glass 139.90
 5-226...Gold frame w/Kontraster glass 139.90
 5-376...Gold frame w/American Grey (G-15) glass 139.90
 5-227...Gold frame w/Dark Grey Polarized glass.. 183.50
 5-347...Gold frame w/Kontraster Polarized glass.. 183.50
 10-36...Gold frame w/Changeable Grey glass 159.90

5-228...Black frame w/Dark Grey glass 127.90
 5-229...Black frame w/Kontraster glass 127.90
 5-230...Black frame w/Dark Grey Polarized glass. 167.50
 5-348...Black frame w/Kontraster Polarized glass. 167.50
 10-39...Black frame w/Changeable Grey glass 149.90

Sportsman Medium 57mm Sunglass with choice of temples:

5-219...Gold frame w/Dark Grey glass 139.90
 5-220...Gold frame w/Kontraster glass 139.90
 5-221...Gold frame w/Dark Grey Polarized glass.. 183.50
 5-345...Gold frame w/Kontraster Polarized glass.. 183.50
 10-30...Gold frame w/Changeable Grey glass 159.90

5-222...Black frame w/Dark Grey glass 127.90
 5-223...Black frame w/Kontraster glass 127.90
 5-224...Black frame w/Dark Grey Polarized glass. 167.50
 5-346...Black frame w/Kontraster Polarized glass. 167.50
 10-33...Black frame w/Changeable Grey glass 149.90

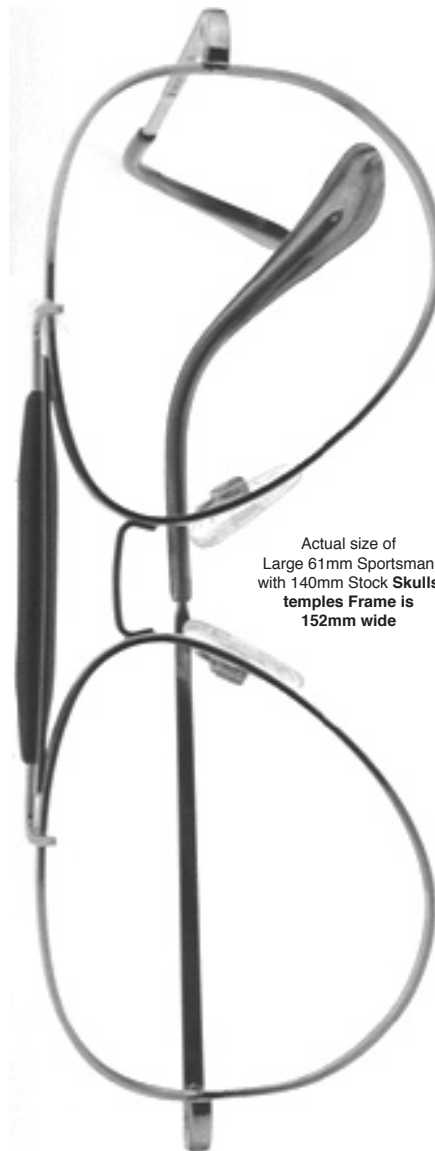
Note: all part numbers that begin with "10" are not offered by Randolph, these are custom-made glasses that we make up in our lab, we use Randolph frames and insert our own lenses.

If you need frames for Prescription use:

Sportsman Prescription "Frames Only" for prescription or custom-made sunglass use.

Includes frame front and temples of your choice:

5-FAU...Gold frame, 61mm size (give temple choice/size).....119.88
 5-FAV...Gold frame, 57mm size (give temple choice/size)119.88
 5-FAW...Black frame, 61mm size (give temple choice/size)... 109.88
 5-FAX...Black frame, 57mm size (give temple choice/size)... 109.88



Actual size of Large 61mm Sportsman with 140mm Stock Skulls temples Frame is 152mm wide

Sportsman replacement parts:

If you need a frame front only or pair of temples only, use these part numbers and prices.i

Sportsman Frame Fronts:

For replacement parts, use these part numbers:

Sportsman Frame fronts (the main part of frame that holds the lenses), no temples or cases.

5-258...57mm Gold frame front..... 93.88
 5-259...61mm Gold frame front..... 93.88
 5-261...57mm Black frame front..... 84.88
 5-262...61mm Black frame front..... 84.88

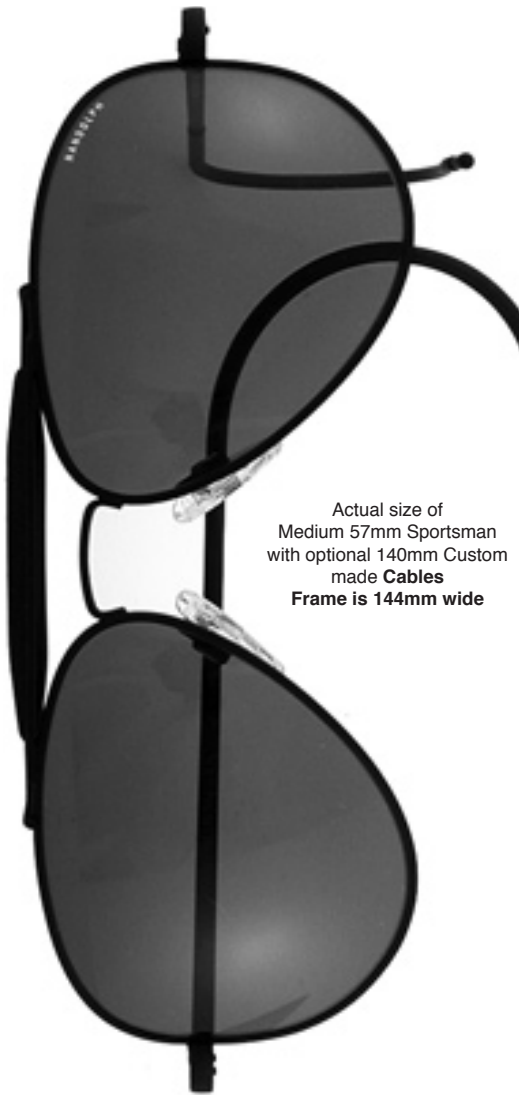
Randolph Sportsman Temples:

These temples fit the Military Aviator, Concorde. and Sportsman frames. Prices are for one pair, sold in pairs only.

5-29.....**Gold** 140mm skull temples..... 54.88
 5-32.....**Gold** Bayonet temples 54.88
 5-35.....**Gold** Cable temples (give size)..... 54.90
 (Cable sizes available; 140, 145,150,155,160,165,170)
 5-30.....**Black** 140mm skull temples47.88
 5-33.....**Black** Bayonet temples47.88
 5-36.....**Black** Cable temples (give size) 47.88
 (Cable sizes available; 140, 145,150,155,160,165,170)

***Note on Randolph Engineering Cable sizing:**

The size marked inside the temples are 140mm. Since the factory does not offer cable temples anymore we use their 140mm skull temples to make the cables, so the cable



Actual size of
Medium 57mm Sportsman
with optional 140mm Custom
made Cables
Frame is 144mm wide

temples will always have 140mm stamped on them, this has nothing to do with the actual cable size.

Replacement nose pads:

Soft vinyl **snap-in** style:

EK-Snap....17mm nose pads, pair5.80

Strap Bridges, medium size snap in.

EB-Snap7.90

Replacement screws:

RNS....Set of screws (give color)2.00

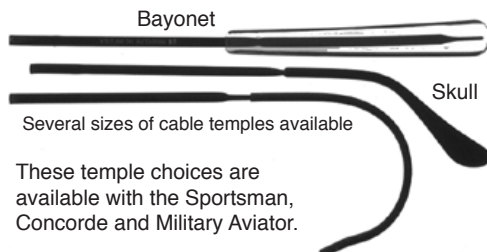
Replacement nose pads, these will fit the Concorde, Sportsman and Military Aviator.

17mm, see page 47 for details.

EK-SNAP...pair of nose pads...5.80



Temples available for Randolph Engineering Sportsman, Concorde and Military Aviator:



Several sizes of cable temples available

These temple choices are available with the Sportsman, Concorde and Military Aviator.

Our 47th year in business

Replacement lenses for Randolph Engineering glasses

Prices below are for one pair of Glass lenses, **with the Randolph Logo** on them. Give frame size.

Military Aviator lenses (52, 55 or 58mm). Give size when ordering:

R-01.....Dark Grey lenses39.80

R-02.....Tan C (Kontraster) lenses39.80

R-03.....AGX American Grey (G-15) lenses..... 39.80

R-05.....Grey Polarized lenses.....88.80

R-06.....Tan Polarized (Kontraster) lenses..... 88.88

Military Aviator glass lenses from our Lab: (no Randolph logo on them):

L-01.....Dark Grey lenses..... 35.00

L-02.....Kontraster lenses 35.00

L-03.....AGX American Grey (G-15) lenses 35.00

L-05.....Grey Polarized lenses 75.00

L-06.....Tan Polarized (Kontraster) lenses 75.00

L-08.....Changeable Grey/Brown lenses..... 39.00

Randolph Concorde or Sportsman lenses:

Prices below are for one pair of Glass lenses, **with the Randolph Logo** on them. Give frame size. (52, 57 or 61mm).

R-11.....Dark Grey lenses39.80

R-12.....Tan C (Kontraster) lenses39.80

R-13.....AGX American Grey (G-15) lenses...39.80

R-15.....Grey Polarized lenses..... 88.80

R-16.....Tan Polarized (Kontraster) lenses..... 88.88

Randolph Concorde or Sportsman glass lenses from our Lab: (no Randolph logo on them):

L-11.....Dark Grey lenses..... 35.00

L-12.....Kontraster lenses 35.00

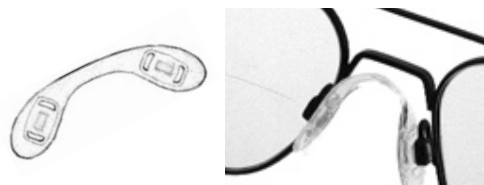
L-13.....AGX American Grey (G-15) lenses 35.00

L-15.....Grey Polarized lenses 75.00

L-16.....Tan Polarized (Kontraster) lenses 75.00

L-18.....Changeable Grey/Brown lenses..... 39.00

(Changeable Grey or Brown is not available from Randolph, they come from our lab only, **no logo**)



Strap bridges are also available for the all Randolph metal frames (the Concorde, Sportsman and Military Aviator), see page 47 for descriptions. Makes the glasses stay in place and takes the load off the sides of the nose for easier breathing.

EB-SNAP...medium strap bridge..... 7.90

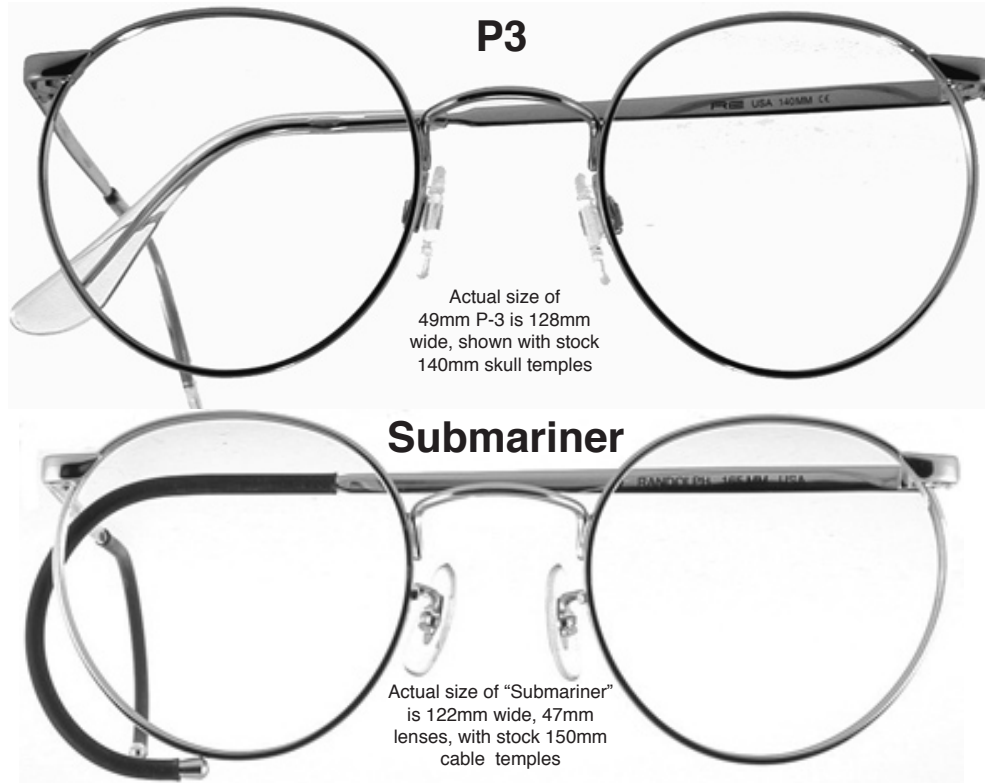


Eyeglass Screwdriver could save your lenses
If you wear metal frames that have screws to hold the lenses in place, sooner or later they will loosen and your lens will fall out. You should check the lenses every week or so to make sure they are not loose. This is a straight slot #3 Jewelers screwdriver. Made in the USA.

GEA.....Jeweler's Screwdriver 2.99

call toll-free 800-786-2021

Randolph Engineering P3, Ready-to-Wear sunglasses/Prescription frames



Randolph Engineering P3 Round

Frame is 128mm wide, with larger **49mm** wide lenses and 140mm skull temples, or stock 150/165mm cables. This frames fits medium faces best. Available in Shiny Chrome or Gold colors.

Complete non-prescription sunglasses, Gold frame w/ glass lenses, stock 140mm skull or 150mm cable temples, and carrying case:

| | |
|---|--------|
| 5-357...Gold frame, Dark Grey Glass lenses..... | 119.80 |
| 10-78...Gold frame, Kontraster glass lenses | 129.80 |
| 10-91...Gold frame, Changeable Grey lenses..... | 139.80 |
| 10-92...Gold frame, Kontraster Polarized glass..... | 159.80 |
| 10-93...Gold frame, AGX G-15 polarized glass | 159.80 |

Complete non-prescription sunglasses, Chrome frame with glass lenses, stock skull temples, and carrying case:

| | |
|--|--------|
| 5-358...Chrome frame, Dark Grey glass lenses | 99.80 |
| 10-79...Chrome frame, Kontraster glass lenses | 109.80 |
| 10-95...Chrome frame, Changeable Grey lenses.... | 119.80 |
| 10-97...Chrome frame, Kontraster Polarized glass | 139.80 |
| 10-98...Chrome frame, AGX G-15 polarized glass. | 149.80 |

*Part numbers that begin with "10" are made with our lenses inserted in Randolph frames and will not have the Randolph Logo on them.

Cable exchange: If you need custom-made cables (for lengths other than the stock 150mm/165mm) for these sunglasses, you can have a "Cable Exchange".

| | |
|---|-------|
| 10-359...Cable exchange (give size and color) | 29.90 |
|---|-------|

Custom made cable choices are 135mm, 140mm, 145m, 155mm or 160mm. Add 15mm to each of these for the actual "Measured" cable length.

Complete P3 "frames only" for Prescription or custom non-prescription use, prices below include frame front and 140mm skull or stock 150mm cable temples:

| | |
|---|--------|
| 5-FAK...Gold frame, with stock 140mm skulls..... | 108.90 |
| 5-FAL...Silver frame, with stock 140mm skulls | 94.90 |

If you need custom-made cables for the P3, add the following option:

| | |
|--|-------|
| 10-359...Cable exchange (give size selection, available from 140mm,145mm, 155mm or 160mm sizes)..... | 29.90 |
|--|-------|

If you want prescription lenses installed in this frame see

Randolph Engineering "Submariner"

originally designed for use inside a submarine for the U.S. Navy. Made in Italy this is a very plain frame, no designs etched into it, no spring hinges, just pure utility with simple good looks. Frame is 122mm wide with smaller **47mm** lenses, fits small faces best. **Available in Gold color only** with 150mm cable temples measured according to our system (the temples are actually 165mm long). Available as a complete non-prescription sunglass, or as a "frame-only" for prescription use or custom-sunglass use.

Complete non-prescription sunglasses, Gold color, w/ glass lenses, 150mm Cable temples and carrying case:

| | |
|---|--------|
| 10-81...with Dark Grey Glass lenses | 99.80 |
| 10-76...with Kontraster glass lenses..... | 99.80 |
| 10-82...with Changeable Grey glass lenses | 119.80 |
| 10-83...with Kontraster Polarized glass lenses..... | 139.80 |
| 10-84...with AGX G-15 Polarized glass lenses..... | 139.80 |

*Part numbers that begin with "10" are made with our lenses inserted in Randolph frames and will not have the Randolph Logo on them.

If you need the Submariner frame for prescription lens use (no lenses or case included) order the complete frame here:

| | |
|---|-------|
| 5-FAY...Complete frame w/stock 150mm cables | 89.90 |
|---|-------|

Frame parts for the "Submariner".

| | |
|---|-------|
| 5-353...Frame front only in gold..... | 59.90 |
| 5-354...Cable temples, gold, Stock 150mm..... | 49.90 |

See page 58 and 59 for prescription lenses.

pages 58 and 59 for prices and availability.

Fame parts for Randolph P3 frame:

Complete frame (no lenses) would cost the frame front + the temples. Use for prescription or custommade sunglasses (page 58 has list of non-prescription lenses). Frame front is the part that holds the lenses:

| | |
|--|-------|
| 5-349...Gold P3 frame front only | 73.90 |
| 5-351...Shiny Chrome frame front only..... | 63.90 |
| 5-350...Gold 140mm skull temples (pair)..... | 54.90 |
| 5-355...Gold cable temples, give length (pair)..... | 54.90 |
| 5-352...Shiny Chrome 140mm skull temples (pair) .. | 49.90 |
| 5-356.....Shiny Chrome cable temples, give length (pair).. | 49.90 |

You have been asking for these for several years, we have a very limited supply available . . .

Bolle Glacier glass frame and/or sunglasses,
was our most popular Bolle frame for many years, until they quit making them

Some of the many uses for this frame:

1. Fishing
2. Snow skiing
3. Bike riding
4. Surfing
5. Mountain climbing
6. Horseback riding
7. Working in dusty areas, etc.



Full size photo of Bolle Glacier. Frame is 145mm wide, comes with 2 set of interchangeable temples



Bolle Glacier 8161 Frames are here. . .

A hard working "Frame Finder" for us has located a few of them, so for all the folks that have been looking for them for the past 6 years, here they are. Apparently L.L. Bean used to sell these, so the ones we have have their logo on the side of the frame. Bolle used to supply many sunglass makers such as Ray-Ban, Vuarnet, Smith, Suncloud and of course themselves with their world famous "Glacier Glass" frames. Then when Bushnell bought Bolle several years ago they discontinued the Glacier Glass frame. We have been looking for them every since and had all but given up. If you're not familiar with them, here a description: They're made of Bolle nylon, black in color, one of the toughest frames we ever sold in our 45 years in business. The frames' overall width is 145mm (5 3/4"), comes with snap-off removable blinder to keep wind and light from entering the sides, has 2 sets of fully adjustable, one pair of skulls, and one pair of cable temples. The temples are easy to change, you just pull them out the receiver that hold them on and slip another temple in. The length of the temples are easy for you to adjust, you have a range of from 135mm to 155mm, can adjust them to fit almost any one. It's a wide frame, so it fits medium and large frames best. Comes with a hard clam-shell carrying case, 2 sets of temples and one set of leather like blinders.

BGG...Bolle Glacier frame only 89.00

See pages 58 and 59 for prescription lenses for these frames. Page 42 for non-prescription lenses that are not shown in the next column.

The Bolle 8161 Glacier frame includes frame, blinders, extra set of temples, carrying case, and these non-prescription glass lenses:

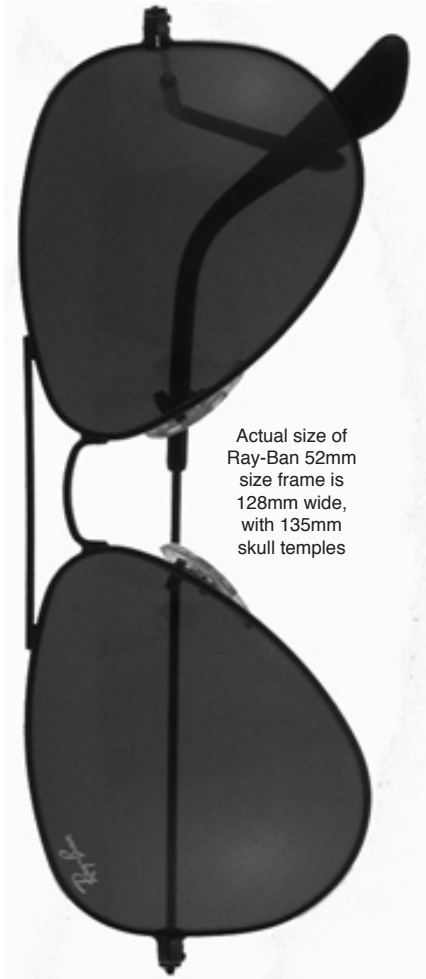
- BGG-A...**Glacier frame with Dark Grey glass lenses 119.90
- BGG-B...**Glacier frame with Kontraster glass lenses 119.90
- BGG-F...**Glacier frame w/ American GreyGreen glass lenses..... 119.90
- BGG-C...**Glacier frame with Dark Grey Polarized glass lenses..... 149.90
- BGG-D...**Glacier frame with Kontraster Polarized glass lenses..... 149.90

If you want plastic lenses in these instead of glass: Price includes frame, blinders, extra set of temples, carrying case, and these non-prescription plastic lenses:

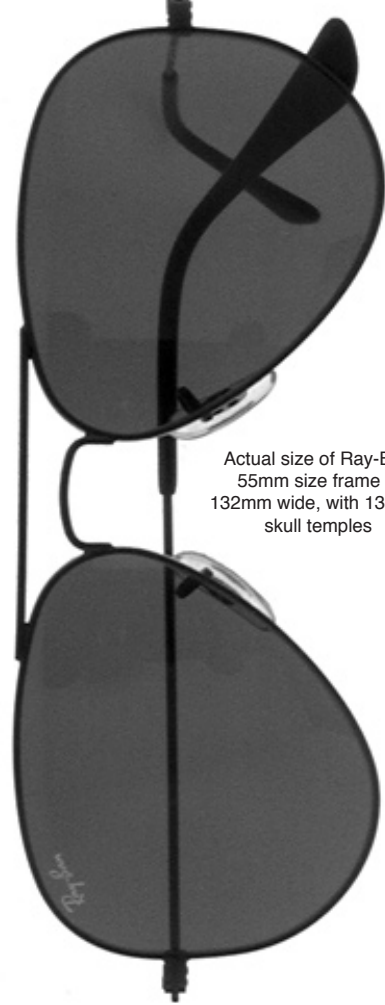
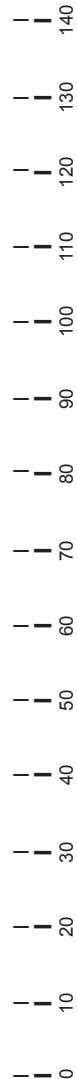
- BGG-G...**Glacier frame with Dark Grey plastic lenses 99.90
- BGG-H...**Glacier frame with Kontraster plastic lenses 99.90
- BGG-J...**Glacier frame w/American Grey plastic lenses ... 89.90
- BGG-K...**Glacier frame with Dark Grey Polarized Plastic lenses..... 129.90
- BGG-L...**Glacier frame with Kontraster Polarized Plastic lenses..... 129.90

Ray-Ban classic metal Sunglasses

150



Actual size of Ray-Ban 52mm size frame is 128mm wide, with 135mm skull temples



Actual size of Ray-Ban 55mm size frame is 132mm wide, with 135mm skull temples

Ray-Ban “52mm Small Aviator” RB 3044

52mm size frame, is 128mm wide with 135mm skull temples, fits **small** faces best. Ground and polished impact-resistant **glass** lenses, carrying case included. You can also have cable temples (see note below). Retail is 145.00.

52mm Aviator with Stock Skull temples:

- KX.....Gold frame, G-15 GreyGreen lenses 109.88
- KY.....Black frame, G-15 GreyGreen lenses..... 109.88
- KZ.....Gunmetal frame, G-15 GreyGreen lenses..... 109.88

Temple (earpiece) exchanges for Ray Ban Small Aviator” frames,

If you require longer or shorter skull temples the cost of the exchange is 19.90. Exchange 135 for 130, 140 or 145mm skulls or vice versa.

CEX-CB...Skull temple exchange (give length)...add 19.90

We also sell Ray-Ban Rx frames,

call with the model number and color choice and we can quote you a price. The official Ray-Ban website address is www.ray-ban.com, when it opens click on “Optics” and that brings up the Rx frames. They also have a solid gold aviator that retails for about \$3,200 depending on the price of gold (RB3025K).

Ray-Ban 55mm “Medium Aviator” RB3025

55mm size frame, is 132mm wide with 135mm skull temples, fits **small to medium** faces best. Ground and polished impact-resistant **glass** lenses, carrying case included. You can also have cable temples (see note below). Retail is 145.00. Ray-Ban Model RB 3025

55mm Aviator with Stock Skull temples:

- KV....Gold frame, G-15 GreyGreen lenses 109.88
- KW...Black frame, G-15 GreyGreen lenses..... 109.88
- KB....Gunmetal frame, G-15 Grey Green lenses..... 109.88

If your frame comes with **skull** temples and you would like **stock** Ray-Ban **cable** temples, the exchange is 29.90. Stock cable temples are only available in 140mm size (our measurement for the skull temple equivalent (RB calls these the 155mm).

CEX-SC...Cable exchange for stock skulls ...add 29.90

If you require other cable lengths we can custom make 130, 135, 140, 145, 150, 155, 160 and 165mm lengths.

CEX-DC...Custom-made cable templesadd 29.90

HIDALGO'S

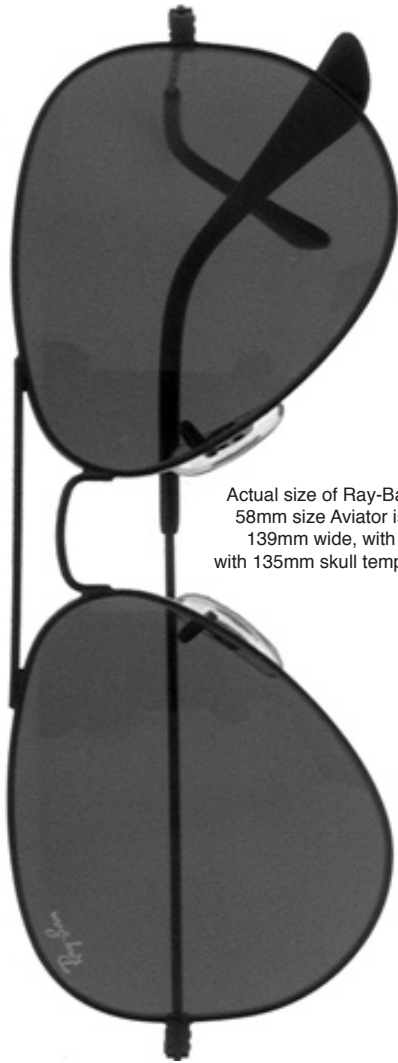
in business since 1967

The AmberMatic™

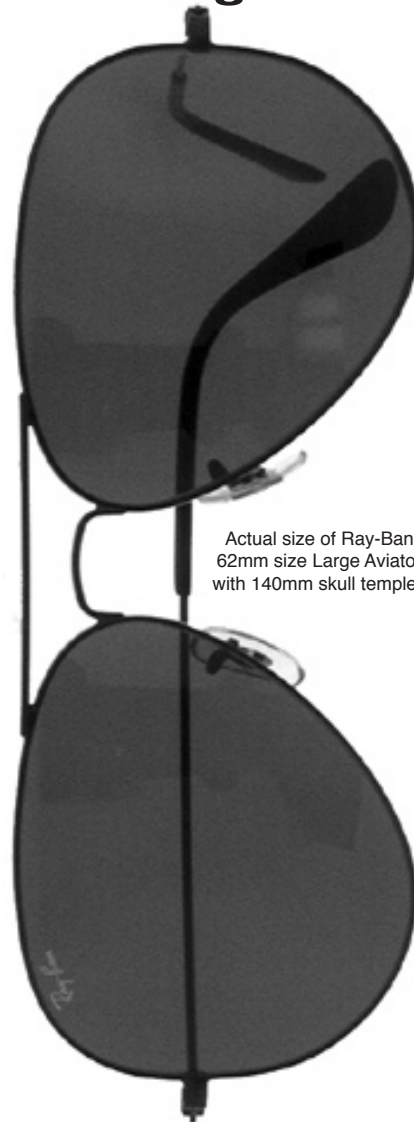
now called the Autumn Gold. have been **discontinued by the manufacturer**, and we have no stock left, sorry.

Custom Ray-Ban frames with other temples or lenses are available, see page 16.

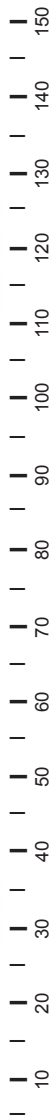
Ray-Ban classic metal sunglasses



Actual size of Ray-Ban 58mm size Aviator is 139mm wide, with 135mm skull temples



Actual size of Ray-Ban 62mm size Large Aviator with 140mm skull temples



Ray-Ban 58mm “Aviator” RB 3025

58mm size frame, is 139mm wide with 135mm skull temples, fits medium to large faces best. Ground and polished impact-resistant **glass** lenses, carrying case included. You can also have cable temples (see note below). Retail is 145.00. **58mm Large Aviator w/ Stock Skull temples:**

| | |
|---|--------|
| KDGold frame, G-15 GreyGreen lenses..... | 109.88 |
| KBB ...Gold frame, B-15 (Kontraster) glass lenses . | 109.88 |
| KG ... Black frame, G-15 GreyGreen lenses | 109.88 |
| KAE ... Gunmetal frame, G-15 GreyGreen lenses.. | 109.88 |

Ray-Ban 62mm “Large Aviator II” RB3026

62mm size frame, is 148mm wide with 140mm skull temples, fits large faces best. Ground and polished impact-resistant **glass** lenses, carrying case included. You can also have cable temples (see note below). Retail is 145.00. **62mm Large Aviator II w/Stock Skull temples:**

| | |
|---|--------|
| KAGold frame, G-15 GreyGreen lenses | 109.88 |
| KC Black frame, G-15 GreyGreen lenses..... | 109.88 |

See page 16 for Custom-made Ray-Ban’s

Putting prescription lenses in Ray-Ban metal frames. . .

Ray-Ban metals like **Aviators, Shooters,** and **Outdoorsman** are not ophthalmic quality frames like Randolph Engineering frames, these Ray-Bans have very thin eyewires that are not made to hold plastic lenses. Although we put prescription lenses in Ray-Ban frames almost daily, we do not recommend plastic prescription lenses for this use. The eyewires are too thin and **the lenses shrink a little with age and usually won’t stay in the frame.** Prescription Glass lenses work better, but if your prescription is over 2.50 (sphere) the weight starts becoming a problem in the larger sizes (58mm or above).

Our 47th year in business

We have been an authorized Ray-Ban dealers for over 37 years. . .

Before you buy Ray-Ban’s from anyone, it is a wise move to check with Ray-Ban to see if you are dealing with a real Ray-Ban dealer. Here is how to do it; the Ray-Ban official website is www.ray-ban.com, that is the only official site.

Once on the site, click on “Store Locator” at the top of the screen. Then put the zip code in and click search. Example; if you put our zip code, 71360, you’ll see a google map with our location. If you can’t get “dealers” location up on this map, he may not be a real dealer.

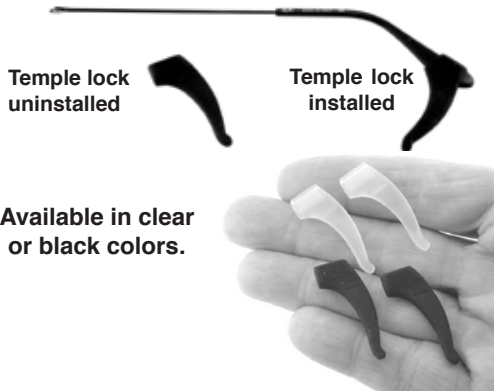
There are a lot of **counterfeit Ray-Ban’s** out there, people send them to us all the time to have new lens installed, thinking they are Ray-Bans.

HIDALGO’S

Since 1967, in business 47 years

Temple locks, for people who want eyeglass security, but don't like cable temples. . .

Takes only a half a minute to install them on your skull temples. They will fit most skull temples with tips that are about 1/4" thick.



Available in clear or black colors.

Removable Temple Locks

If you don't like cable temples, here is another way to keep your glasses from falling off. . .

These Temple locks simply slip over the ends of your normal **skull** temples to "lock" your glasses in place. They are made of soft silicone, so you can put them on and take them off as many times as you want. You can carry them in your pocket when not in use. Available in clear or black colors. Fits best on up to 1/4" plastic skull temple tips..

6-1....**Clear** locks, one pair5.88

6-2....**Black** locks, one pair.....5.88

Buy more than one pair at a time and the price drops to 4.49 per pair, buy 4 pair or more at one time and your cost goes to 3.69 per pair. If you are ordering only temple locks and nose pads, shipping is only 2.90.

Copy of old Ray-Ban carrying case



75-1 **Tan Leatherette** carrying case with rigid plastic cage to protect glasses from crushing. Same design and color as the old Ray-Ban cases which everybody loved. Snap-lock flap with slits on back of case.

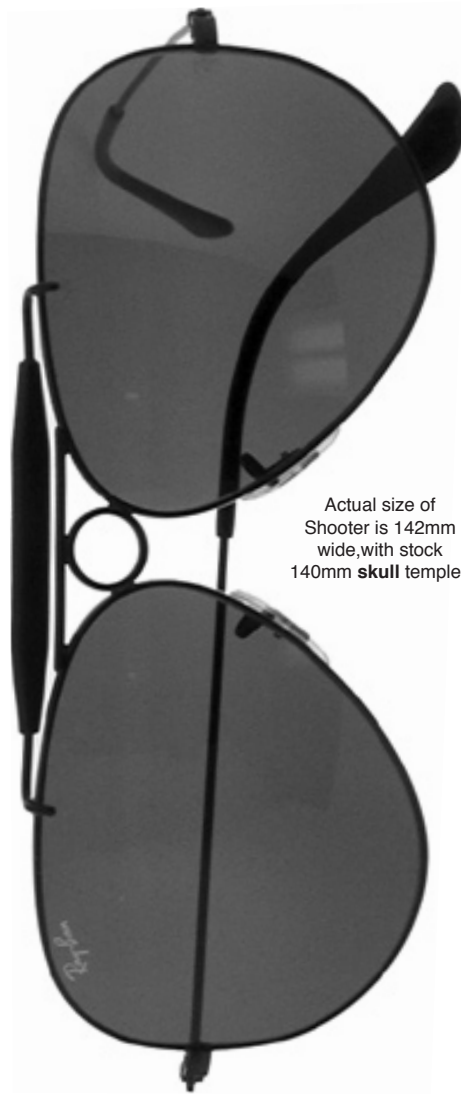
75-1....Tan leatherette carrying case 5.90

How to determine cable length:

All temples are measured from the screw hole to the tip. A **skull** temple that measures 140mm is equivalent to a 140mm **cable** (even though cables are 15mm longer than the equivalent skull temples). So the chart below shows how the "15mm" is figured in to the cables. A 140mm "fit" cable actually measures 155mm from hole to tip.

| If you wear this size skull | You order this size cable | Cable actually measures |
|-----------------------------|---------------------------|-------------------------|
| 130mm | 130mm | 145mm |
| 135mm | 135mm | 150mm |
| 140mm | 140mm (stock) | 155mm |
| 145mm | 145mm | 160mm |
| 150mm | 150mm | 165mm |
| 155mm | 155mm | 170mm |
| 160mm | 160mm | 175mm |

Ray-Ban ready-to-wear non-prescription Sunglasses



Actual size of Shooter is 142mm wide, with stock 140mm skull temples

Ray-Ban "Shooter" RB 3138

The Shooter is back, but they now come stock with 140mm **skull** temples (we can swap out the skull temples for cables, see the note below). The Shooter is 142mm wide, has 62mm **glass** lenses, fits medium to large faces best. Retail for 145.00.

Shooters w/stock 140mm skull temples:

KAB....**Gold** frame w/G-15 GreyGreen glass lenses and **skull** temples109.88

KAC....**Black** frame w/G-15 GreyGreen glass lenses and **skull** temples109.88

If you prefer **cable temples to the skull temples that come as stock** these, use this part number and add this amount for the temple **exchange**.

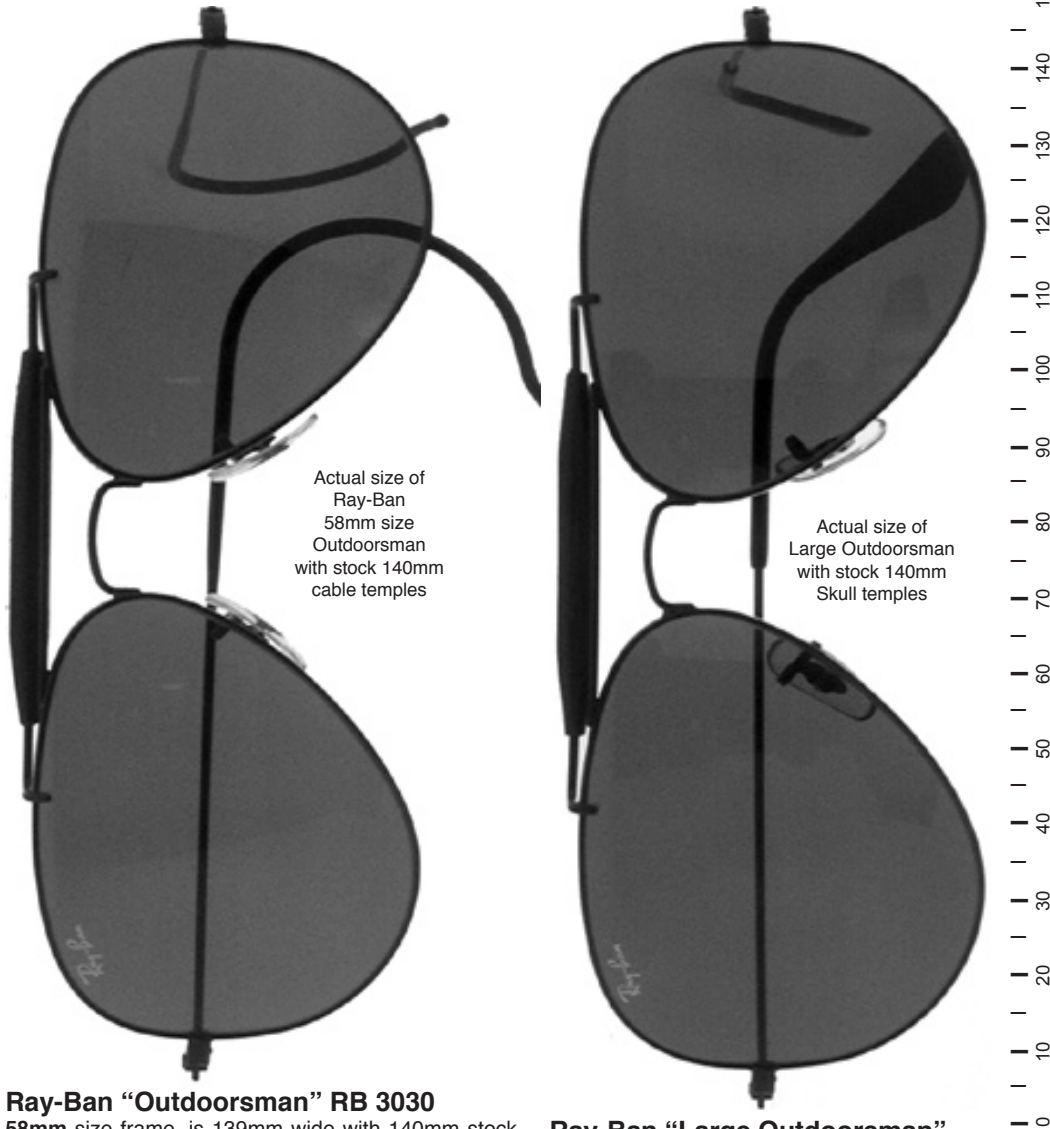
CEX-D...**Stock Ray-Ban Cable exchange**, cable **size** for the Stock cables are 140mm (measures 155mm overall) pair.....**29.90**

If you need replacement temples for glasses you already own, see page 15 for prices.

Custom Ray-Ban sunglasses with other lenses and temple combinations are available....

see page 16 for prices.

Ray-Ban ready-to-wear non-prescription Sunglasses



Actual size of Ray-Ban 58mm size Outdoorsman with stock 140mm cable temples

Actual size of Large Outdoorsman with stock 140mm Skull temples

Ray-Ban “Outdoorsman” RB 3030

58mm size frame, is 139mm wide with 140mm stock **cable temples** (which measure 155mm from screw hole to tip), fits **medium** faces best. Ground and polished impact-resistant **glass** lenses, carrying case included. Also available with skull temples (see below). Retail is 145.00.

Outdoorsman with stock **Cable** temples:

KS....Gold frame, G-15 GreyGreen lenses and 140mm **Cable** temples109.88

KU....Black frame, G-15 GreyGreen lenses and 140mm **Cable** temples109.88

If you prefer the 140mm **skull** temples instead of the 140mm **cables** that come on these, just add this amount and use this part number to order.

CEX-CB...Skull temple exchange19.90

If you need replacement temples for glasses you already own, see page 15 for prices.

If you need other sizes of cable temples installed on these new frames you can have 130, 135, 140,145 or 150mm lengths add 29.90 use part number CEX-D.

Note about 62mm Large Ray-Ban frames and glass prescription lenses:

It is almost impossible to get glasses lenses to cut out for the large frames, plastic is no problem. Suggest if you want glass prescription lenses installed in any frame, the lens size should be 58mm or smaller. Large glass prescription blanks are no longer available.

Ray-Ban “Large Outdoorsman” RB 3029

The Large Outdoorsman is back in the U.S. It's 145mm wide, has 62mm **glass** lenses, comes with stock 140mm **skull** temples, fits large faces best. Also available with cable temples below. Retail is 145.00.

Large Outdoorsman with stock **Skull** temples:

KP....Gold frame w/G-15 GreyGreen glass lenses 109.88

KR....Black frame w/G-15 GreyGreen glass lenses 109.88

If you prefer **cable temples** to the **skull temples** that come as stock these, use this part number and add this amount for the temple **exchange**.

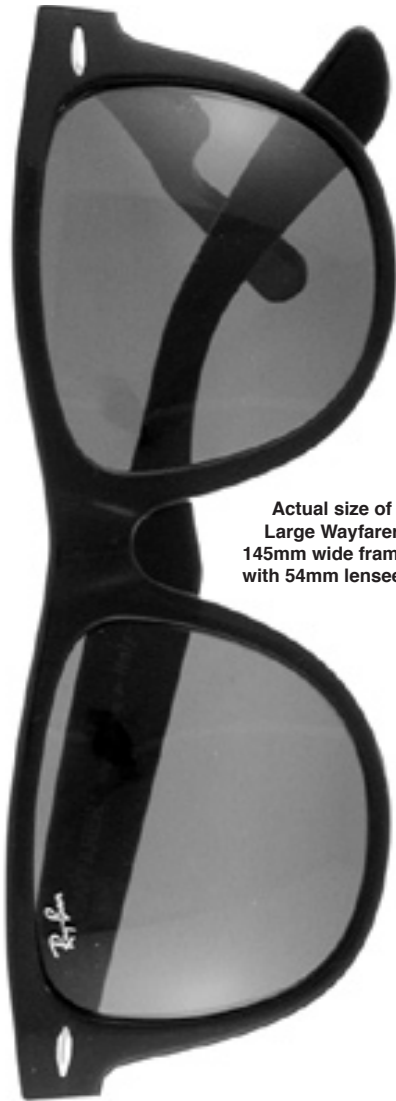
CEX-D...Cable exchange, give cable **size** (Choice of 130, 135, 140, 145, 150 or 155mm sizes) (see page 59 for full size photos of three cable sizes) **exchange** per pair.....29.90

If you need **replacement temples** for glasses you already own, see page 15 for parts prices.

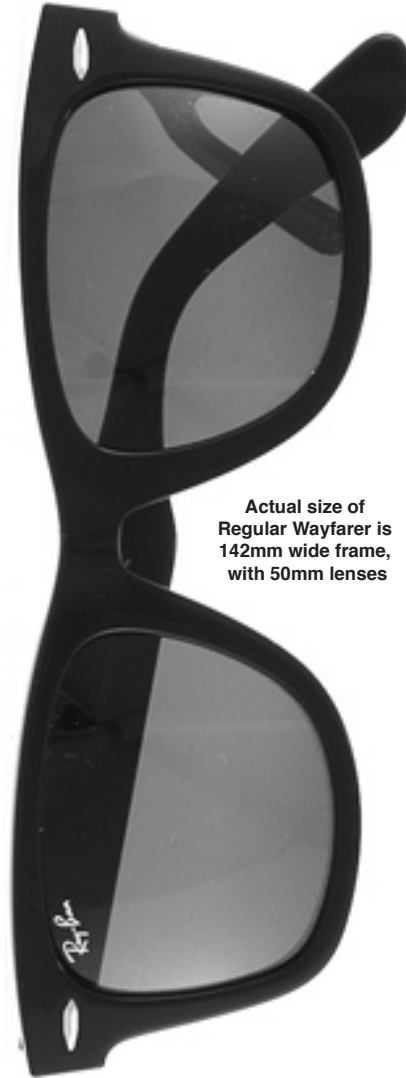
Ray-Ban’s “Country of Origin” . . .

As you know, Ray-Ban has not been made in the U.S. for the past several years, since Luxottica of Italy bought them several years ago they have come from various countries, we don't know for sure anymore what “Country of Origin” will be stamped on them, some of the metals are stamped “Made in Italy”, some “Made in China”.

NEW!!! "Old Style" Ray-Ban Wayfarers are back . . .



Actual size of
Large Wayfarer
145mm wide frame,
with 54mm lenses



Actual size of
Regular Wayfarer is
142mm wide frame,
with 50mm lenses



The "Large Wayfarer" 54mm RB2140

Finally, after a 5 year's the original Wayfarer is back. Has the original 7 barrel hinge and the original size lenses. **Fits large faces best.** Frame is 145mm wide. The Light Tortoise frame is the same color as the old Tortoise color, the Dark Tortoise is almost black. Carrying case included.

14-1...Black frame, G-15 glass lenses..... 119.88

14-17...Dark tortoise frame, G-15 lenses..... 119.88

14-10...Light tortoise frame, B-15 (Kontraster) glass lenses..... 119.88

14-2.....Tortoise frame, Kontraster Glass Polarized lenses 149.88

14-61...Black frame, G-15 GreyGreen Glass Polarized lenses 149.88

Wayfarers are available with prescription lenses, see pages 58 and 59 for lens prices. We no longer make custom Wayfarers, the above listing is all the non-prescription sunglasses available.

Please visit our website:

www.hidalgos.com
Everything in color there

We are open to take phone orders:

Monday thru Thursday, 10 AM to 2 PM Eastern Time, 9 AM to 1 PM Central, 8 AM to 12 noon Mountain, 7 AM to 11 AM Pacific Time.

Call toll-free 800-786-2021 or 318-641-7700, or FAX 318-641-9700, or email us *anytime* at hidalgos@suddenlinkmail.com

The "Regular Wayfarer" 50mm RB2140

Finally, after 5 year's the original Wayfarer is back. Has the original 7 barrel hinge and the original sized lenses. **Fits medium faces best.** The Light Tortoise frame is the same color as the old Tortoise color, the Dark Tortoise is almost black. Frame is 142mm wide. Carrying case included.

Frame is 142mm wide, fits large faces best.

14-3...Black frame, G-15 glass lenses..... 119.88

14-18...Dark Tortoise frame, G-15 glass lenses ... 119.88

14-11...Light Tortoise frame, B-15 (Kontraster) glass lenses..... 119.88

14-60.....Tortoise frame, Kontraster Glass Polarized lenses 149.88

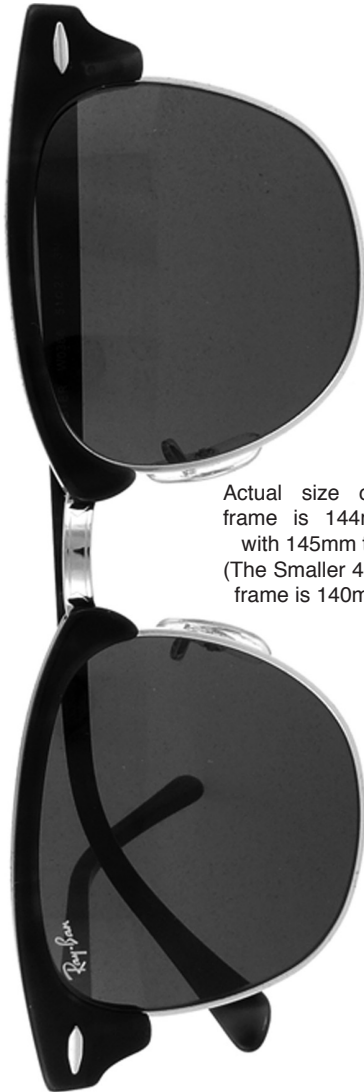
14-62.....Black frame, G-15 GreyGreen Glass Polarized lenses 149.88

Wayfarers are available with prescription lenses, see pages 58 and 59 for lens prices. We no longer make custom Wayfarers, the above listing is all the non-prescription sunglasses available.



HIDALGO'S
since 1967

Ray-Ban "Clubmaster"



Actual size of 51mm frame is 144mm wide with 145mm temples (The Smaller 49mm size frame is 140mm wide)

Ray-Ban "Clubmaster" RB 3016

the classic, been around for decades, still very popular today. . .

Ever wonder why some frames stick around so long, like the Wayfarer, the Aviator, etc. They fit well, work well, look good, and are well made--good choice. We have had this frame in the catalog for over 30 years off and on. It used to be made by an American company, but don't think that because it comes from China now that the quality has slipped, it hasn't. It is still well made and as comfortable and good looking as ever. Available in 2 colors, black or tortoise with G-15 glass lenses. Also available in 2 sizes, the larger 51mm size as shown in the picture, and a slightly smaller 49mm size. Frame has gold metal trim with plastic tops and 145mm skull temples. Retail for \$145.00.

14-30 Black frame 51mm size..... 119.00

14-32 Tortoise frame 51mm size..... 119.00

14-29 Black frame 49mm size..... 119.00

14-33 Tortoise frame 49mm size..... 119.00

Available with prescription lenses, see pages 58 and 59 for lens prices.



Ray-Ban Replacement parts

Ray-Ban "Frames only"

for replacement parts, Rx use, or custom-made sunglasses

Due to the manufacturer's pricing policies there are no price breaks for us buying "frames only", therefore we can offer **no discounts** for "frame only" purchases, the price of the complete sunglass is also the price of the "frame only".

If you need a frame only for prescription use (which we don't recommend) the price of the frame will be the same price as the complete sunglass. The same goes for custom-made sunglasses that require other lenses.

The only parts available at reasonable prices are lenses.

Ray-Ban Replacement Temples:

Prices are for **one pair** of temples, Temples are not sold individually, must be ordered by pairs screws included. These temples fit the Aviators, Outdoorsmen, Shooters and Caravan frames.

KDA...135mm skull temples (give color choice)..... 49.90

KDB...140mm skull temples (give color choice)..... 49.90

KDC...140mm cable temples (give color choice) 49.90

These are the only "**stock**" temples available for Ray-Ban metals, if you need other cable lengths, see "other sizes" below.

Other cable sizes:

Other **able** temples sizes that we make as cable conversions for Ray-Ban metals; they are available in 125 to 160mm lengths.

KDD...Cable temples for Ray-Ban Aviator, Shooter, Outdoorsman or Caravan frames (give color and size choice)..... 49.90

Ray-Ban Frame Fronts

for metal frames:

The **frame front** is the part that holds the lenses; no temples, carrying case or lenses included.

14-4....Aviator 55mm front (give color) 74.90

14-5....Aviator 58mm front (give color) 74.90

14-6....Aviator 62mm front (give color) 74.90

14-7....Outdoorsman 58mm front (give color)..... 74.90

14-8....Outdoorsman 62mm front (give color)..... 74.90

14-9....Shooter 62mm front (give color)..... 74.90

14-46...Caravan 58mm front (give color)..... 74.90

14-47...Caravan 55mm front (give color)..... 74.90

Ray-Ban Replacement lenses:

Stock Ray-Ban lenses with the Ray-Ban Logo on them:

KCE...58mm G-15 GreyGreen lenses for Aviator (58mm) and Outdoorsman (58mm) 44.90 pair

KCG...62mm G-15 GreyGreen lenses for Large Aviator (62mm), also fits the old Shooter and Large Outdoorsman (62mm) 44.90 pair

Other Ray-Ban lenses:

See page 55 for choice other non-prescription lenses to fit Ray-Ban frames. These are lenses we cut in our own lab, so they won't have the Ray-Ban logo on them. We also have some lenses for older Ray-Bans, call 318-641-7700 for availability and pricing.

Screws for Ray-Ban metals:

The following screws fit the Small Aviator, Aviator, Large Aviator, Outdoorsman, Large Outdoorsman, Shooter and Caravan.

RTS...Set of 4 screws (give color choice).....2.00

Ray-Ban replacement nose pads:

Ray-Ban metals use hard plastic "clip-on" nose pads, they are not available in silicone, only in hard plastic.

EK-CLIP...Hard nose pads (pair)5.80

Toll-free order line 800-786-2021

email: hidalgo@suddenlinkmail.com

Custom made Ray-Ban sunglasses:

We have been custom making Ray-Ban sunglasses for over 40 years, it started out by swapping different temples, then evolved into exchanging lenses, and then finally us getting lab equipment to make our own lenses. Now you can have just about any combination of temple/lens you want, just like the Randolph. Most of the classic tear-drop metal frames use interchangeable temples and lenses, we can exchange temples or lenses on the following frames only:

All of the "Aviators, the Small, Medium and Large, the large 62mm Shooter as well as the "Outdoorsman and Large Outdoorsman". We have an exchange program that works like this: we list what the stock temples that normally come on the frame; example, if an "Aviator" frame comes with 135mm skull temple, then the skull temple options would be 130mm, 140mm or 145mm. That would be option "CEX-CB" at a cost of 19.90 extra. If it comes stock with a skull temple and you want cable temple exchange, then use part "CEX-D" at an extra cost of \$29.90. **If you are ordering parts only, then see page 15 for those prices.**

In addition, if you want a lens **not offered by the factory**, we can either cut one for you in our lab or order the lenses directly from Italy if the lens is available in the size and frame you want. Example; you want an Kontraster Polarized lens in any of these metal frames you need to add the amount shown below for part number KPO. In this case they don't offer this lens in all of the frames, so they would be made in our own lab and would not have the Ray-Ban logo on the right lens.

Temple exchanges:

We will remove the "stock" temples and replace them with these:

Temple exchanges:

| | |
|--|-------|
| CEX-D..Skull temple exchange | 19.90 |
| (Sizes available; 130, 135, 140, 145mm) | |
| CEX-CB...Cable temple exchange | 29.90 |
| (Sizes available; 130, 135, 140, 145, 150, 155, 160 and 165mm) | |

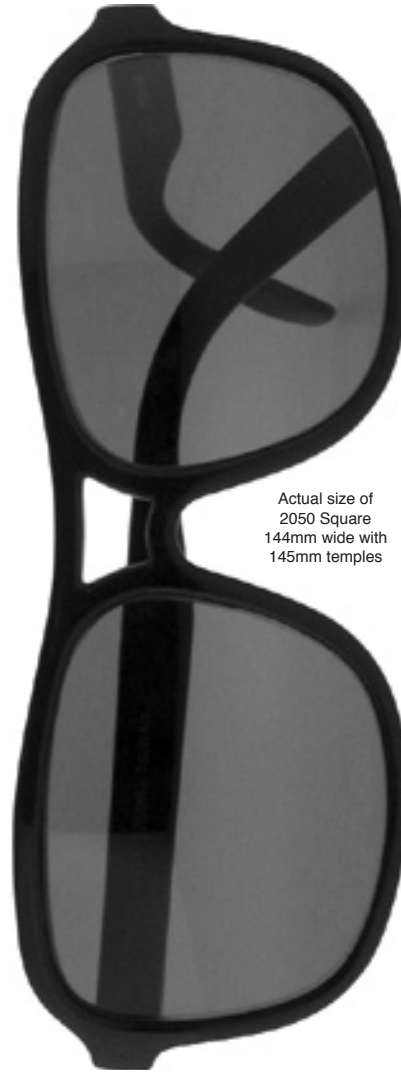
Lens exchanges:

We will remove and keep the G-15 lenses and replace them with these glass lenses:

| | |
|---------------------------------------|-------|
| KO.....Kontraster glass | 20.00 |
| CG.....Changeable Grey glass..... | 25.00 |
| CBR...Changeable Brown glass | 25.00 |
| DG.....Dark Grey glass | 20.00 |
| KPO..Kontraster Polarized Glass | 50.00 |
| GP...G-15 Polarized glass | 50.00 |

Some of these lenses will not have the Ray-Ban logo on them, if you want lenses with the logo, and they are available, the prices are the same, just say "Want Logo", we have to get these directly from Italy, so add 2 weeks for delivery. Most of the frames don't have all of these lenses available with the logo.

rugged Nylon frames. . .



Actual size of
2050 Square
144mm wide with
145mm temples

Rugged full coverage 2050 Square nylon

The square frame has a following, will probably always be around. Frame is 144mm wide (5 11/16"), with 145mm (5 3/4") temples, fits medium to large faces best. Made of tough durable nylon, the all time champ for taking a beating. Available in Black color only. These include lenses, frame and carrying case.

2050 Frame with these glass lenses:

| | |
|---|-------|
| HFA....Dark Grey glass..... | 49.90 |
| HFB....Kontraster® glass | 49.90 |
| HFS....G-15 GreyGreen glass | 49.90 |
| HFT....Changeable Grey glass | 55.90 |
| HFE....Dark Grey Polarized glass..... | 99.90 |
| HFF....Kontraster® Polarized glass..... | 99.90 |

2050 Frame with these plastic lenses:

| | |
|--|-------|
| HP-6....Dark Grey plastic..... | 39.90 |
| HP-7....Kontraster® plastic..... | 39.90 |
| HP-8....G-15 GreyGreen plastic | 39.90 |
| HFG....Kontraster® Polarized plastic..... | 69.90 |
| HP-11.....Dark Grey Polarized plastic..... | 69.90 |

Frames only,

if you need a replacement frame or a frame for prescription use, use this part number and price. Prescription lenses available on pages 58 and 59.

| | |
|------------------------------|-------|
| HZC....2050 Frame only | 29.90 |
|------------------------------|-------|

Call us at 1-800-786-2021

Heavy-duty rugged Nylon frames with non-prescription lenses



Actual size
of 2048
144mm wide
with 145mm
temples

2048 Pilot nylon

The always popular pilot shape. Frame is 144mm wide (5 11/16"), with 145mm (5 3/4") temples, fits medium to large faces best. Made of tough durable nylon, the all time champ for taking a beating. Available in Black color only. If you don't see what you want, see page 58 for more lens choices. Choice of several complete non-prescription sunglasses, includes lenses, frame and carrying case.

2048 Frame with these glass lenses:

| | |
|--|-------|
| HDL....Dark Grey glass | 49.90 |
| HDM....Kontraster® glass..... | 49.90 |
| HFH....G-15 GreyGreen glass..... | 49.90 |
| HFK....Changeable Grey glass..... | 55.90 |
| HDQ....Dark Grey Polarized glass..... | 99.90 |
| HDR....Kontraster® Polarized glas..... | 99.90 |

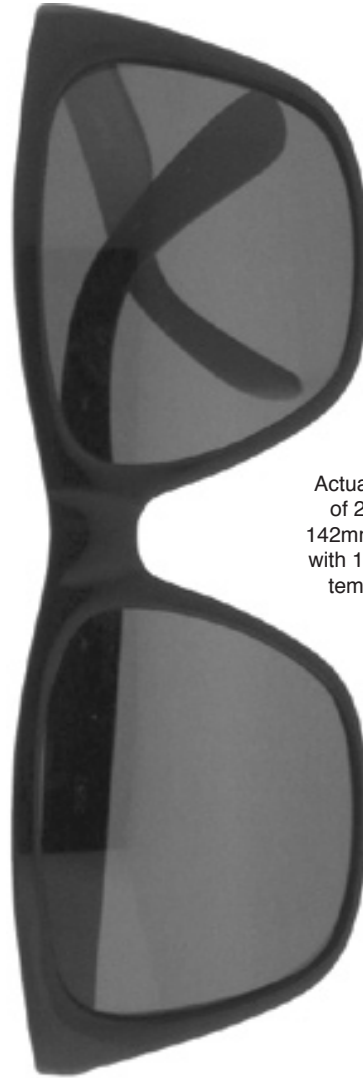
2048 Frame with these plastic lenses:

| | |
|--|-------|
| HP-17....Dark Grey plastic..... | 39.90 |
| HP-18....Kontraster® plastic..... | 39.90 |
| HP-52....G-15 GreyGreen plastic..... | 39.90 |
| HDS....Kontraster® Polarized plastic..... | 69.90 |
| HP-21.....Dark Grey Polarized plastic..... | 69.90 |

Frame only,

if you need a replacement frame or a frame for prescription or non-prescription use. Prescription lenses are on pages 58 and 59, non-prescription leses are on page 55.

| | |
|------------------------------|-------|
| HZA....2048 Frame only | 29.90 |
|------------------------------|-------|



Actual size
of 2052
142mm wide
with 145mm
temples

The 2052 is another classic that never goes out of style

2052 Fifties nylon

The 50's style frames seem to never go away. Frame is 142mm wide (5 1/2"), with 145mm (5 3/4") temples, fits medium to large faces best. Made of tough durable nylon, the all time champ for taking a beating. Available in Black color only. Choice of several complete non-prescription sunglasses, includes lenses, frame and carrying case. If you don't see what you want, see page 58 for more lens choices.

| | |
|--|-------|
| HDT....Dark Grey glass | 49.90 |
| HDU....Kontraster® glass | 49.90 |
| HFN....G-15 GreyGreen glass..... | 49.90 |
| HFL....Changeable Grey glass..... | 55.90 |
| HDX....Dark Grey Polarized glass | 99.90 |
| HDY....Kontraster® Polarized glass | 99.90 |

2052 Frame with these plastic lenses:

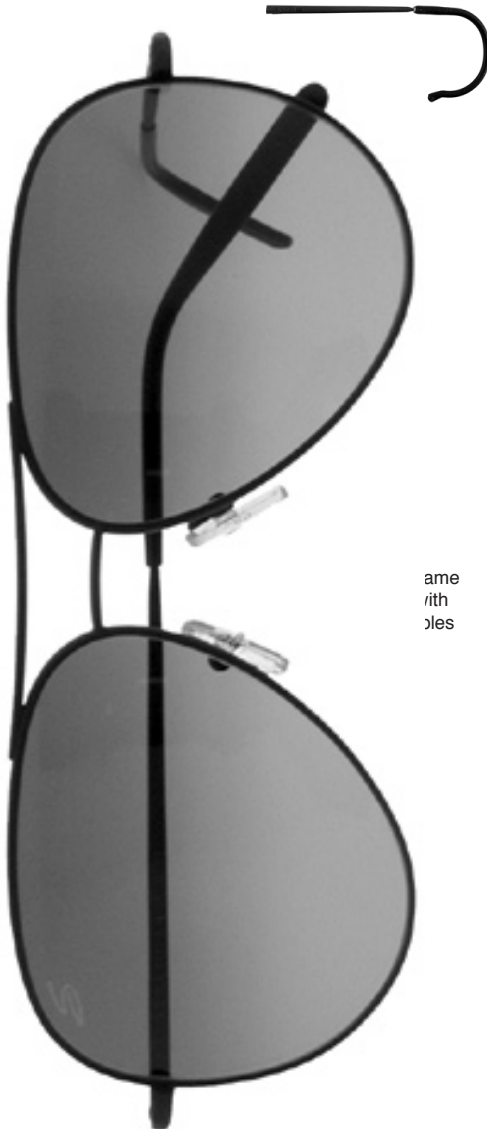
| | |
|--|-------|
| HP-22....Dark Grey plastic..... | 39.90 |
| HP-23....Kontraster® plastic..... | 39.90 |
| HP-53....G-15 GreyGreen plastic..... | 39.90 |
| HDZ....Kontraster® Polarized plastic..... | 69.90 |
| HP-26.....Dark Grey Polarized plastic..... | 69.90 |

Frame only,

if you need a replacement frame or a frame for prescription or non-prescription use. Prescription lenses are on pages 58 and 59, non-prescription leses are on page 55.

| | |
|------------------------------|-------|
| HZB....2052 Frame only | 29.90 |
|------------------------------|-------|

Serengeti sunglasses



ame
rith
gles

Serengeti "Medium Aviator"

Lens size is 59mm, frame is 144mm wide, with 140mm spring-hinged skull temples, fits medium to large faces best. Comes with a nice clam-shell carrying case. Has Changeable copper colored "Driver" Top-Gradient glass lenses (darker at the top and lighter at the bottom). These lenses in these frames:

S-6826...Bronze (Henna) frame (\$179 retail)..... 129.90

S-7190...Also available with 555nm **Polarized Glass American Grey** lenses in a Shiny Gunmetal frame (\$230 retail)... 169.90

Cable temple exchange for Serengeti pilots;

We can **convert** Serengeti skull temples to cable temples. Available in 140, 145, 150 or 155mm lengths.

SX...Cable temple exchange (give length) 39.90

Strap Bridges are also available for all the Serengeti Aviator frames. See page 47 (part #EB-SCREW) for details.

EB-SCREW...Strap bridge7.90

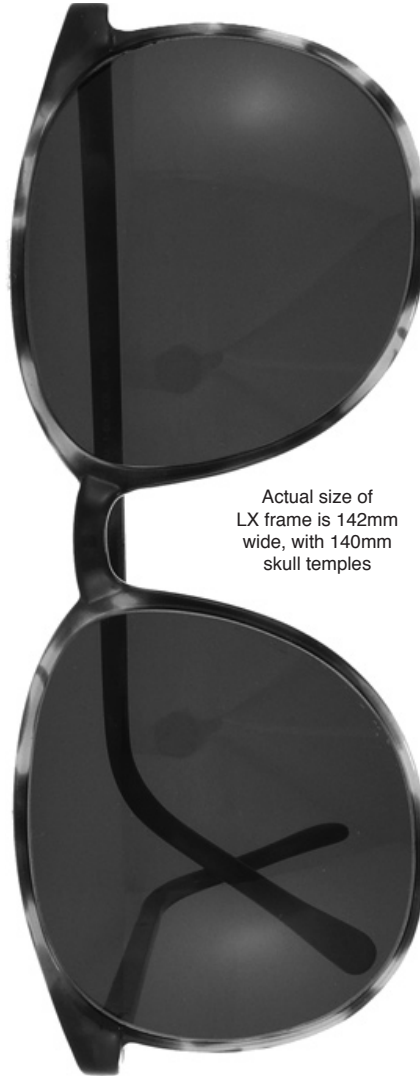
Replacement parts for Serengeti

We have no replacement parts ... you must call them directly for prices and availability (Call Serengeti's parent company Bushnell, for parts and warranty, **888-838-1449**). They sell direct to the consumer.

Have the part number (on the temple) ready when you call them, they have parts only for the models made in the last couple years.

The ***Serengeti Large Aviator*** is gone, out of production.

BIG is in!! This frame can be used for prescription lenses or for a ready-to-wear non-prescription sunglasses



Actual size of LX frame is 142mm wide, with 140mm skull temples

Memoslim "LX" Memory plastic frame

Here is one of the most popular shapes of all time. Made in Japan by a well known manufacturer. If you watch any TV you're seeing more are more celebrities wearing these. This frame is made of Memory Plastic, this material keeps its' shape better than any plastic frame material. Available in one size and 3 colors; the Demi-Burgundy base color is Burgundy with subtle swirls of black, the Demi-Black base color is black/grey with translucent swirls in it, and of course the Tortoise looks like Tortoise Shell. Original retail price was \$100.00 for frame only.

Frame material: Memory plastic

Size: Medium/Large 145mm/58mm/240mm

Colors: Demi-Amber
Demi-Burgundy
Demi-Black/Grey

LX...Frame only (give color choice)..... 39.90

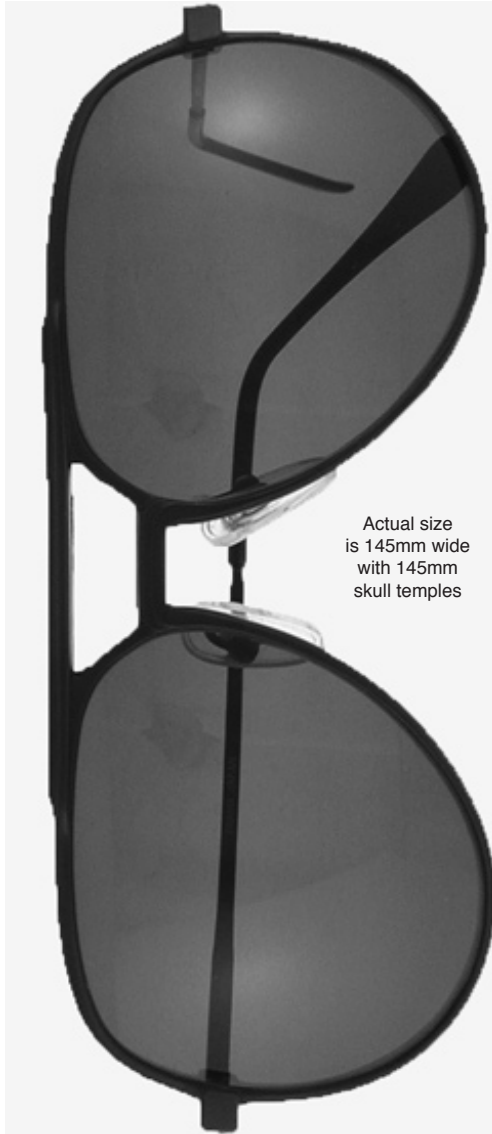
You can have prescription lenses installed in this frame, **See page 58 for prescription lens pricing.**

Also available as a ready-to-wear sunglass

You can also have this frame complete with non-prescription scratch-resistant CR-39 sunglass plastic lenses. Includes carrying case.

LX-L...Frame with Dark Grey CR-39 plastic lenses (give frame color choice)44.88

CTB Carbotech Lightweight Carbon Fiber frame



Actual size is 145mm wide with 145mm skull temples

CTB Carbotech Lightweight Carbon Fiber frame or sunglass

This Pilot shape has been around awhile. It's made of lightweight but strong carbon fiber, very comfortable, should last a long time. **Fits Large faces best.** Has replaceable soft silicone nose pads mounted on adjustable arms. Adjustable metal temples. Should retail for over \$140. Prescription lenses on pages 58 & 59. Material: Carbon Fiber

Size: Large (145mm/59mm/145mm)

Color: Matte Black

CTB....Carbotech 22 frame only..... 59.90

Temple Options: We can adjust the length of the skull temples from 135mm to 150mm at no charge. You can have cable temples from 135mm to 155mm, add \$19.90 and use part number CEX-B.

This frame is also available as a **non-prescription sunglass**, with these **CR-39 plastic** or **glass** lenses, makes a super lightweight sunglass. Carrying case included.

Frame with these **CR-39 plastic** lenses:

CTB-DG....Dark grey CR-39 lenses69.90

CTB-G.....G-15 American Grey CR-39 lenses.....69.90

CTB-K.....Kontraster CR-39 lenses69.90

CTB-PD...Dark Grey Polarized CR-39 lenses89.90

CTB-KP...Kontraster Polarized CR-39 lenses.....89.90

Frame with these **Glass** lenses:

CTB-DGG...Dark Grey glass lenses.....79.90

CTB-AG.....American Grey (G-15) Glass79.90

CTB-PG.....Polarized American Grey (G-15) Glass109.90

CTB-KG.....Kontraster glass lenses.....79.90

CTB-PK.....Polarized Kontraster glass lenses109.90

CTB-PC.....Changeable Grey glass lenses89.90

Available with prescription lenses, see pages 58 and 59 for prices of plastic or glass prescription lenses.

Temple Options: We can adjust the length of the skull temples from 135mm to 160mm at no charge. You can have **cable temples** from 135mm to 155mm, add \$19.90 and use part number CEX-B.

Cable temple exchange available for this frame

How to determine cable length:

All temples are measured from the screw hole to the tip. A skull temple that measures 140mm is equivalent to a 140mm cable (even though cables are 15mm longer than the equivalent skull temples). So the chart below shows how the "15mm" is figured in to the cables. A 140mm "fit" cable actually measures 155mm from hole to tip.

| If you wear this size skull | You order this size cable | Cable actually measures |
|-----------------------------|---------------------------|-------------------------|
| 130mm | 130mm | 145mm |
| 135mm | 135mm | 150mm |
| 140mm | 140mm | 155mm |
| 145mm | 145mm | 160mm |
| 150mm | 150mm | 165mm |
| 155mm | 155mm | 170mm |
| 160mm | 160mm | 175mm |



Cables from 135mm to 160mm available

Please use our part numbers when ordering—the numbers or letters are to the left on the price line. Example; on this page the part number for the CTB frame only is "CTB". The part number for a CTB frame with a Dark Grey glass lens is CTB-DGG.

Toll-free order line

800-786-2021

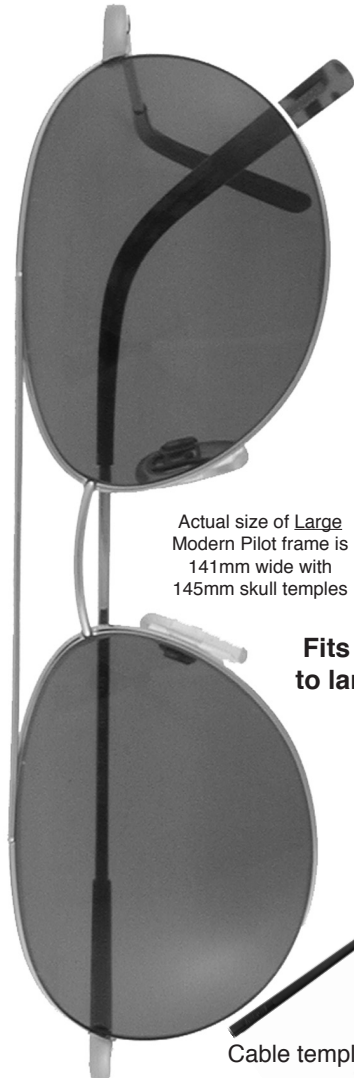
open for phone orders from 9 AM to 1 PM central time,

Mon. thru Thursday

email: hidalgos@suddenlinkmail.com

website is: www.hidalgos.com

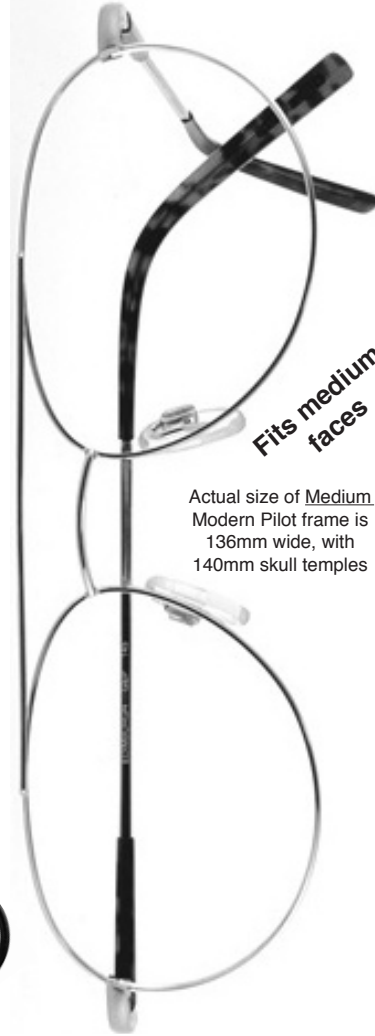
Fratelli Lozza "Modern Pilot" gold electroplated frame



Actual size of Large Modern Pilot frame is 141mm wide with 145mm skull temples

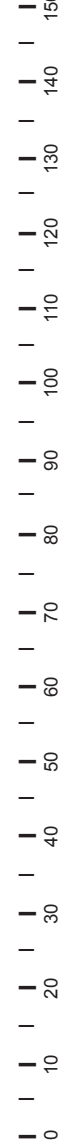
Fits medium to large faces

Cable temples available



Fits medium faces

Actual size of Medium Modern Pilot frame is 136mm wide, with 140mm skull temples



Fratelli Lozza "Modern Pilot GEP" Gold Electroplated frame with spring-loaded temples

This is a modern version of the the ever-popular pilot shaped frame, but this design has smaller more shallow lenses. Well made and finished frame is made in Italy by Fratelli-Lozza, an old line manufacturer that has been around almost forever. This gold frame is gold electroplated like all gold frames once were, so the finish will probably outlast the frame itself. Modern spring-loaded temples, replaceable snap-in nose pads on fully adjustable arms. Cable temple exchange is available for long cable temples of 145mm and longer. The gold frame has a shiny gold front, shiny gold temples with tortoise tips and about and about one inch inlay of tortoise where the temples meets the end-piece. The endpieces are satin gold. A very nice looking frame. Medium frame is 136mm wide with 140mm skull temples. Large frame is 141mm wide with 145mm skull temples. Skull temples can be adjusted down to 135mm or up to 155mm. Retailed for \$150.

Frame material: Metal GEP
 Frame sizes: Medium (136mm/54mm/140mm)
 Large (141mm/56mm/145mm)
 Frame color: Gold (in both sizes)

FL-EDIM...Pilot GEP frame only (give size and color choice).....**59.88**
 Cable temple exchange is available in long sizes only

of 145mm to 155mm, use part number CEX-B, cost is 19.90 extra.

Available with plastic or glass *prescription* lenses, see pages 58 and 59 for availability and prices.

Available with glass or plastic *non-prescription* lenses as a custom made sunglass, see page 42 for availability and prices.

Lens cleaner plus "Ultimate" lens cleaning cloth, make your lenses last longer. . .

For glass or plastic lenses and Anti-reflection coated lenses. Makes cleaning lenses easier, especially anti-reflection coated lenses, reduces streaking. Has Anti-static properties to reduce dust particle attraction to the lenses. Comes in **pump spray bottles**. One "Ultimate" cleaning cloth included.



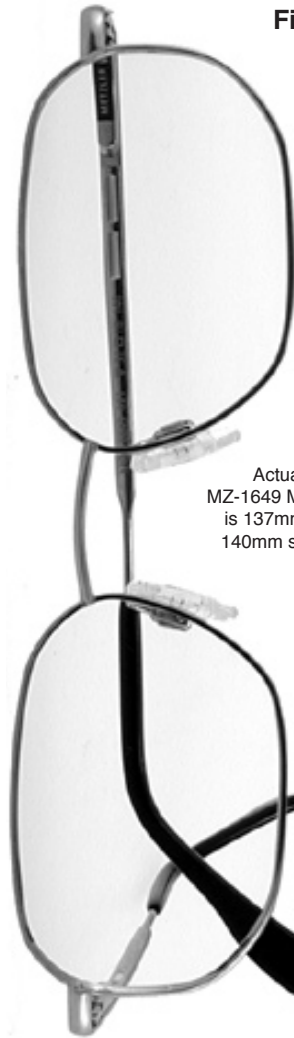
- 17-2**....2 oz. pump spray bottle with cleaning cloth 2.99
- 17-3**....4 oz. pump spray bottle with cleaning cloth 5.49
- 17-4**....8 oz. pump spray bottle with cleaning cloth 9.49

Toll-free order line

800-786-2021

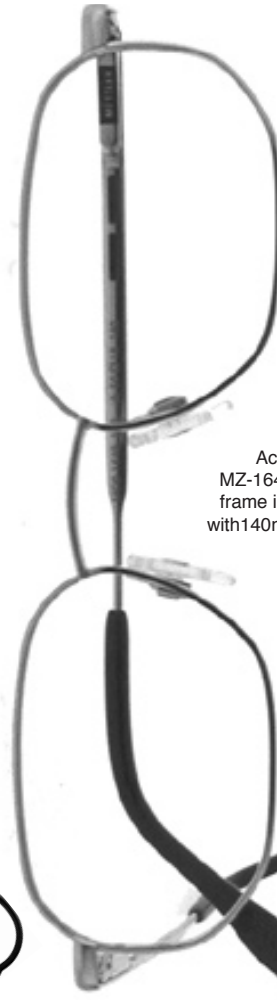
open for phone orders from 9 AM to 2 PM central time, Mon. thru Thursday

TITANIUM with Spring Hinges



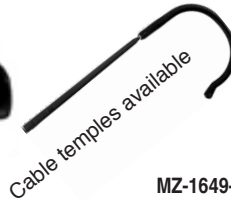
Fits medium faces

Actual size of MZ-1649 Medium 52mm is 137mm wide, with 140mm skull temples



Fits small faces

Actual size of MZ-1649 Small 50mm frame is 131mm wide, with 140mm skull temples



Cable temples available

Metzler MZ-1649 TITANIUM with spring hinges

In case you're not familiar with Metzler, they have been in the frame business in Germany for decades, one of the better frames out there. Now that they are making some of some frames in Asia, the prices have come down dramatically. This is a state-of-the-art design, available in 3 colors:

The **Silver/Gold** frame has silver around the lenses, and the temples have a combination of silver with gold inlays. Black temple tips.

The **Gold** frame is all gold with black temple tips. The **Dark Plum/Silver** is a purplish demi-plum color on the front of the frame, almost looks black from a few feet away, the rest of the frame is silver with black temple tips.

Both sizes have 140mm temples (we can adjust these skull temples down to 125mm or up to 145mm), also available with optional cable temples. The spring-hinges are very smooth, the temples have the name "Metzler" on the inside (so you don't have to advertise what brand you're wearing). Made of pure titanium, so it is very light, but also very strong and corrosion-resistant. Nose pads are soft-silicone and are of the "snap-in" design so that they can be easily replaced. If you need progressive lenses, these frames use the compact progressives. Should retail for about \$160.00.

Frame material: TITANIUM

Size: Small (131mm/50mm/140mm)

Medium (137mm/52mm/140mm)

Colors: Gold

Silver/Gold
Dark Plum/Silver

MZ-1649-50-SG...50mm frame, **Silver/Gold** 59.90

MZ-1649-50-G...50mm frame only, **Gold**..... 59.90

MZ-1649-52-G...52mm size frame, **Gold** 59.90

MZ-1649-52-DP...52mm size frame,

Dark Plum/Silver trim(almost black)..... 59.90

We can adjust the **140mm skull** temples down to 130mm or up to 145mm, just tell us what length they need to be. **Temple exchange:** If you want **cable temples instead** of the stock skull temples, choose 130 160mm length.

CEX-B...Cable temple option, add..... **19.90**

Available with prescription lenses (see pages 58, 59), or non-prescription lenses below.

Complete ready-to-wear non-prescription MZ-1649 sunglasses complete with carrying case and the following lenses:

Frame with these **CR-39 plastic** lenses:

ME-A...Dark grey CR-39 lenses 69.90

ME-B...G-15 American Grey CR-39 lenses 69.90

ME-C...Kontraster CR-39 lenses 69.90

ME-D...Dark Grey Polarized CR-39 lenses 89.90

ME-E...Kontraster Polarized CR-39 lenses 89.90

MZ-1649 Frame with these **Glass** lenses:

ME-F...Dark Grey glass lenses 79.90

ME-G...American Grey (G-15) Glass 79.90

ME-H...Polarized American Grey (G-15) Glass 109.90

ME-J...Kontraster glass lenses 79.90

ME-K...Polarized Kontraster glass lenses 109.90

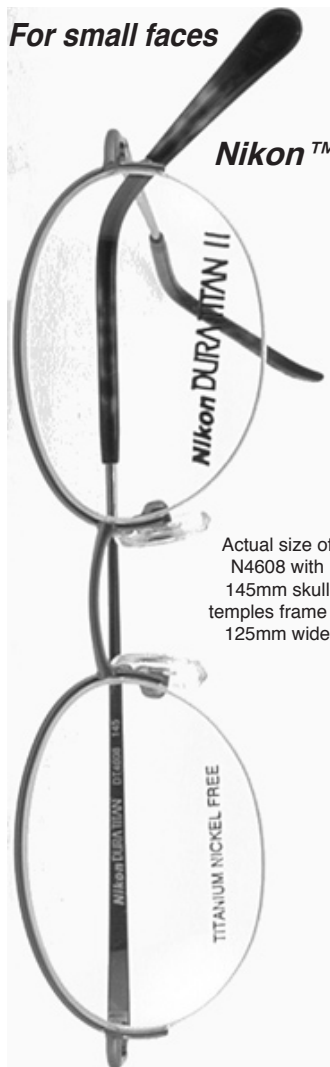
ME-L...Changeable Grey glass lenses 89.90

Nikon Titanium frames

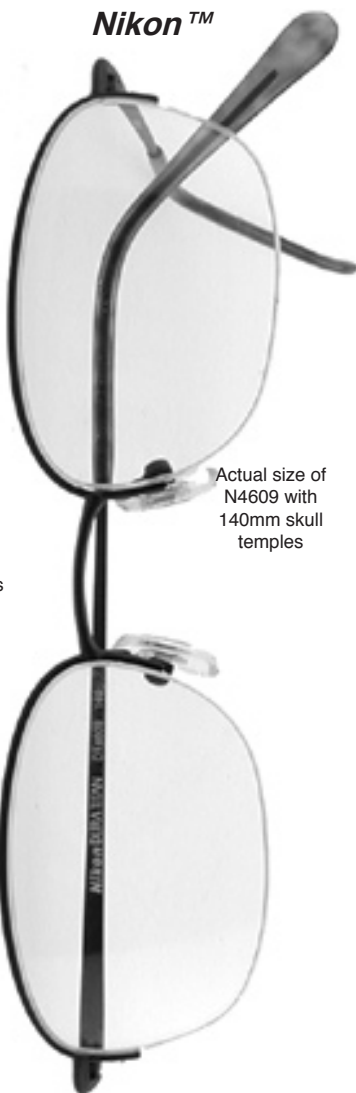
In case you're not familiar with Nikon frames, they invented the Titanium frame. Most people know Nikon for fine cameras but they also make top-quality medical optical equipment, very fine rifle scopes and binoculars, and a host of other top-rated optics. Nikon

frames are also top-of-the-line. *They're the best Titanium frames we ever handled.*

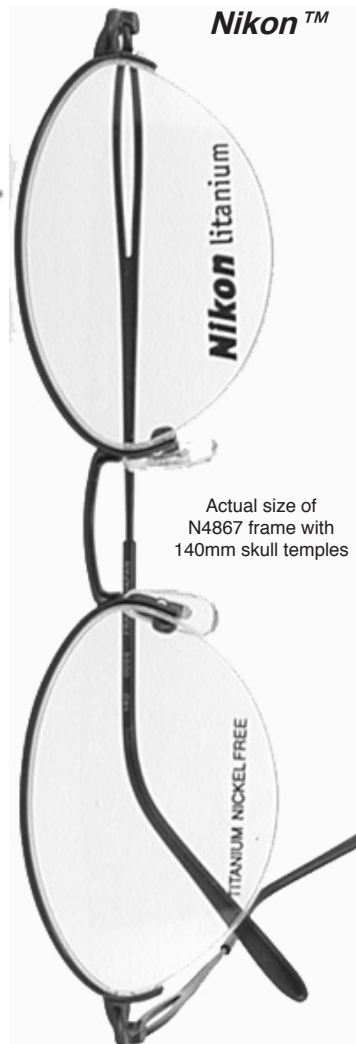
You get your money's worth with these. When they were first introduced they sold for \$400, over the years they have been able to bring prices down to a more affordable level. I have been wearing one of these frames for 14 years, it still looks new.



Actual size of N4608 with 145mm skull temples frame is 125mm wide



Actual size of N4609 with 140mm skull temples



Actual size of N4867 frame with 140mm skull temples

N4608 Nikon Semi-rimless TITANIUM

Lightweight good-looking frame in a modern oval style. Shiny Antique Gold color, frame is 125mm wide with 145mm skull temples, fits small faces best. Can adjust skull temples from 135mm to 150mm, cable temples are also available. Frame is very lightweight corrosion-resistant Titanium, has full floating replaceable screw-on nose pads on adjustable arms. Retail for around \$160.00.

Frame Material: Titanium

Size: Small/Medium (125mm/47mm/145mm)

Color: Shiny Antique Gold

N4608....Frame only..... 49.90

Cable temple conversion available, sizes 130mm to 165mm, use part number CEX-B and add 19.90 to cost.

N4609 Nikon Semi-rimless TITANIUM

Lightweight good-looking frame in a modern style. Satin Antique Copper or Ash Gray colors, frame is 127mm wide with 140mm skull temples, fits medium faces best. Can adjust skull temples from 135mm to 145mm, cable temples are also available. Frame is corrosion resistant, has full floating replaceable nose pads on adjustable arms. Retail for around \$160.00.

Frame Material: Titanium

Size: Medium (127mm/48mm/140mm)

Color: Satin Antique Copper
Ash Gray

N4609....Frame only.....59.90

Cable temple conversion available, sizes 135mm to 160mm, use part number CEX-B and add 19.90 to cost.

N4867 Nikon Semi-Rimless TITANIUM frame

The last of the Nikon ladies frames is upon us, we have only a few of these left. Beautiful Shiny Brown frame color goes with almost any color clothing and most complexions. Semi-rimless Titanium is very light and comfortable. A frame that should last many years. Eye size is 51mm, frame is 137mm wide, fits medium faces best. Temples are 140mm wide and can be adjusted from 130mm to 145mm. This frame retailed for \$150 + when it was being manufactured. Get a couple before they are all gone.

Frame material: Titanium

Frame color: Shiny Brown

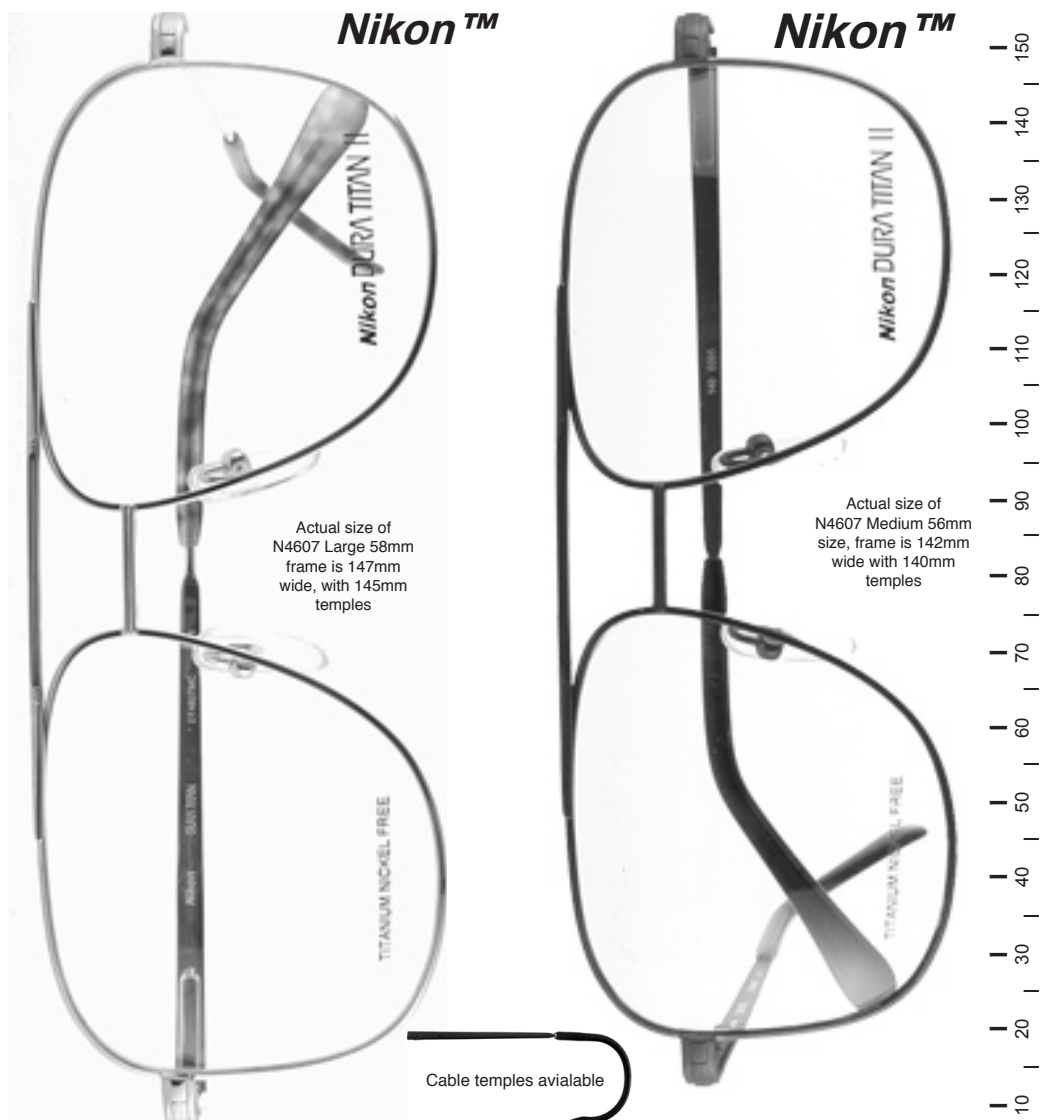
Size: Medium 137mm Wide/51mm

Lens/140mm temples

N4867...Nikon 4867 frame only ...49.88

1-800-786-2021

HIDALGO'S



Actual size of N4607 Large 58mm frame is 147mm wide, with 145mm temples

Actual size of N4607 Medium 56mm size, frame is 142mm wide with 140mm temples

Cable temples available

Nikon N4607 TITANIUM with spring hinges

A classic standard **made in Japan**. Two color: Gold is available in the Large 58mm large size, frame is 147mm wide, fits large faces best. Dark Gray is available in the medium 56mm size, frame is 142mm wide fits medium to large faces best. A very conservative looking frame with large lenses that can accommodate any type of lens, single-vision, progressive or bifocal. Comes with rocking soft vinyl nose pads on adjustable arms. Available with optional cable temples of 140mm to 165mm size. Has spring hinges. Frame sells for over \$190 in most shops.

Frame Material: **TITANIUM**

Sizes: **Large Gold** 147mm/58mm/145mm

Medium Dark Grey 142mm/56mm/140mm

N4607-G...Nikon 4607 Gold

Large 58mm size frame **109.90**

Temple exchange: If you want cable temples instead of the stock skull temples, choose 140, 145, 150, 155, 160 or 165mm length and add this option.

CEX-B...Cable temple option, add..... **19.90**

Available with prescription lenses (see pages 58, 59), or non-prescription lenses on page 42.

Frame sizing information:

The frame sizing can be found in the description, it will say something like this:

Medium (135mm/52mm/140mm).

The **first indicator "medium"** means that this frame will generally fit people with "medium faces".

The **first number, 135mm**, is the width of the frame from the outside of the endpiece to the outside of the other endpiece (the widest part of the frame).

The **second number, 52mm**, is the size of **one** of the lenses as measured straight across at the widest part of the lens.

The **third number, 140mm**, is the size of the stock temples. If the measurement is given as 140mm, we can adjust some temples from 135mm to 145mm.

Lens cleaner, make your lenses last longer. . .

For glass or plastic lenses and Anti-reflection coated lenses. Makes cleaning lenses easier, especially anti-reflection coated lenses, reduces streaking. Has Anti-static properties to reduce dust particle attraction to the lenses. Comes in **pump spray bottles**.

You also get one of our ultimate Cleaning Cloths" with this free.

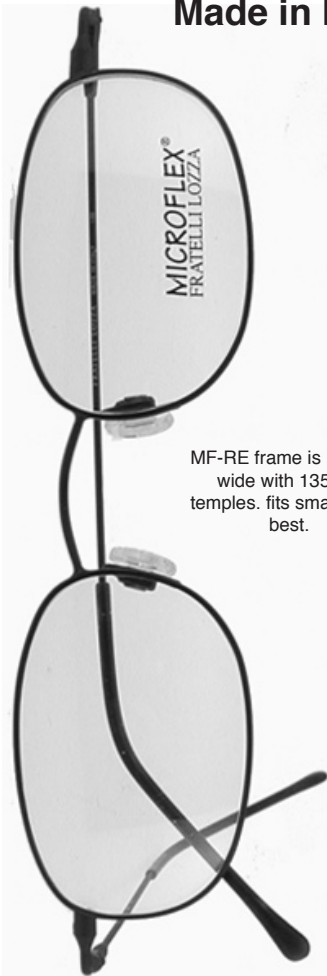
17-2....2 oz. pump spray bottle with cleaning cloth 2.79

17-3....4 oz. pump spray bottle with cleaning cloth 3.99

17-4....8 oz. pump spray bottle with cleaning cloth 5.89



Made in Italy



MF-RE frame is 129mm wide with 135mm temples. fits small faces best.

Fratelli Lozza MF-RE made in Italy, with spring temples

A small metal frame to fit small faces. One frame color is called Cocoa, sort of a chocolate/dark burgundy color, goes with anything the other color is Black.. Has microflex temples, sometimes called invisible spring temples. Small round snap-in replaceable silicone nose pads. Lenses are too small for progressive lenses, but can handle regular bifocals or single-vision lenses. Small size (129mm/47mm/135mm). Color: Cocoa or Black.

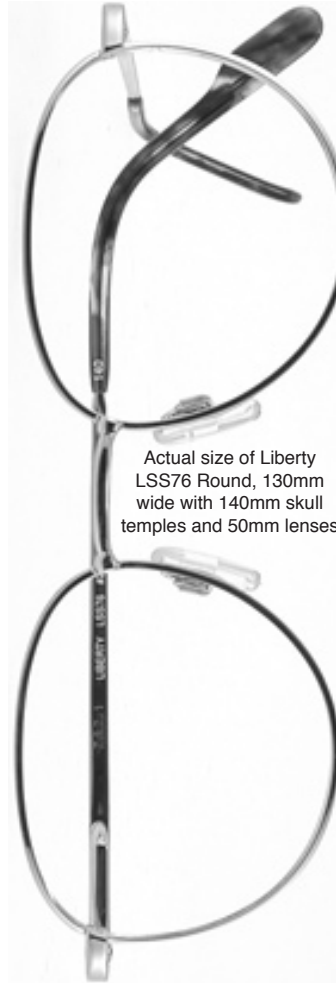
FL-MF-RE....Frame only, give color choice of Black or Cocoa**39.90**
CEX-B...Cable temple option, add..**19.90**
 (Available in sizes 130 to 155mm)

How to determine cable length:

All temples are measured from the screw hole to the tip. A skull temple that measures 140mm is equivalent to a 140mm cable (even though cables are 15mm longer than the equivalent skull temples). So the chart below shows how the "15mm" is figured in to the cables. A 140mm "fit" cable actually measures 155mm from hole to tip.

| If you wear this size skull | You order this size cable | Cable actually measures |
|-----------------------------|---------------------------|-------------------------|
| 130mm | 130mm | 145mm |
| 135mm | 135mm | 150mm |
| 140mm | 140mm | 155mm |
| 145mm | 145mm | 160mm |
| 150mm | 150mm | 165mm |
| 155mm | 155mm | 170mm |
| 160mm | 160mm | 175mm |

Liberty Safety Frame, meet Z87.1 requirements



Actual size of Liberty LSS76 Round, 130mm wide with 140mm skull temples and 50mm lenses

Liberty LSS76 Round Frame with Spring temples

This is a **Safety Frame**, meets Z87.1 requirements, so it is a very heavy-duty frame, stronger than ordinary "dress" frames. The down side to these frames is that they **must have safety lenses installed**, which are a little thicker than normal "dress thickness" lenses. They are the same price as the normal dress thickness lenses, no extra charge. Comes in Gold color only, frame is 130mm wide, fits small/medium faces best. Has 140mm skull temples that we can adjust from 130 to 145mm. Lens size is 50mm, bridge size is 18mm.

LA...Round frame only, gold.....49.90
 See page 58 for plastic prescription lenses, page 59 for glass.

1-800-786-2021

email: hidalgos@suddenlinkmail.com



HIDALGO'S
 in business since 1967
 website: www.hidalgos.com

Oleg Cassini Woman's frame



Actual size of OCO 326 Oleg Cassini Frame w/53mm lenses 135mm skull temples, frame is 134mm wide



Oleg Cassini 326 women's frame, Dark Brown semi-rimless

A very modern semi-rimless rectangle frame by a well know designer. Plastic covered 135mm skull temples can be adjusted for size by heating and bending the temple tips. Soft vinyl nose pads. Spring hinges. Frame is 134mm wide, fits medium faces best. Temples have the OC logo embedded with rhinestones, simple elegance. Uses plastic prescription lenses only as found on page 58 of this catalog. Don't forget to add the semi-rimless grooving charge under step 2-A, part number RX-G.

OG236....Frame only 59.99

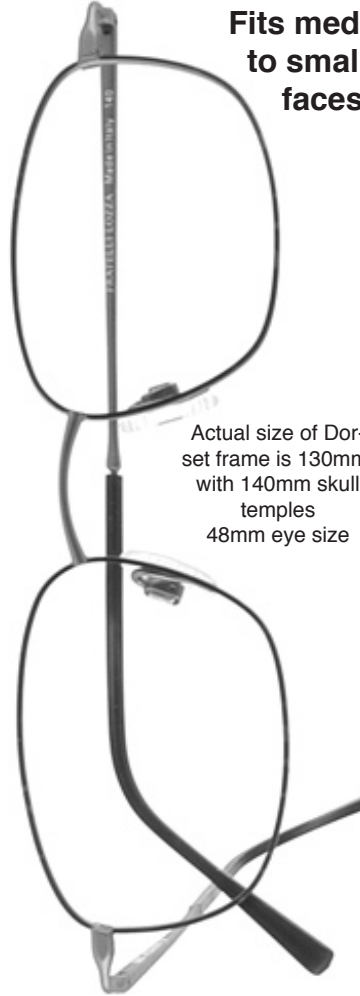
You can use our "Try-on" program to try this frame in the comfort of your own home, see page 55 for details.

Don't forget our "Try-on" program,

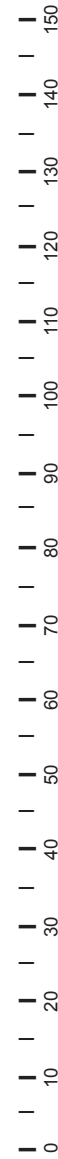
let's you try frames in the comfort and privacy of your own home, don't be rushed by salespeople, sort through them at home and take your time. See page 55 for details.

Made in Italy

Fits medium to smaller faces



Actual size of Dorset frame is 130mm, with 140mm skull temples 48mm eye size



Fratelli Lozza "Dorset" frame, spring-temple, made in Italy

If you're tired of Chinese frames, the Fratelli Lozza is a breath of fresh air.

Designed and built in Italy by old world craftsmen. Frame is all Antique Gold except for Dark Tortoise around front edges of frame, a really good looking "executive" type frame. Has 1 lens sizes available 48mm, have 130mm wide frame. If you wear progressive lenses these frames use the premium compact progressives. Frame have with 140mm skull temples. Has plug-in soft-silicone nose pads on adjustable arms, easily replaceable. Temples can be adjusted from 135mm to 145mm. Sells in retail shops for over \$150.

FL-Dorset...Frame only, medium size,

Antique Gold w/dark tortoise trim.... 49.90

Prescription lenses for this frame are on pages 58 and 59, non-prescription on page 42.

Please visit our website:

www.hidalgos.com

Everything in color on our website

We are open to take phone orders:

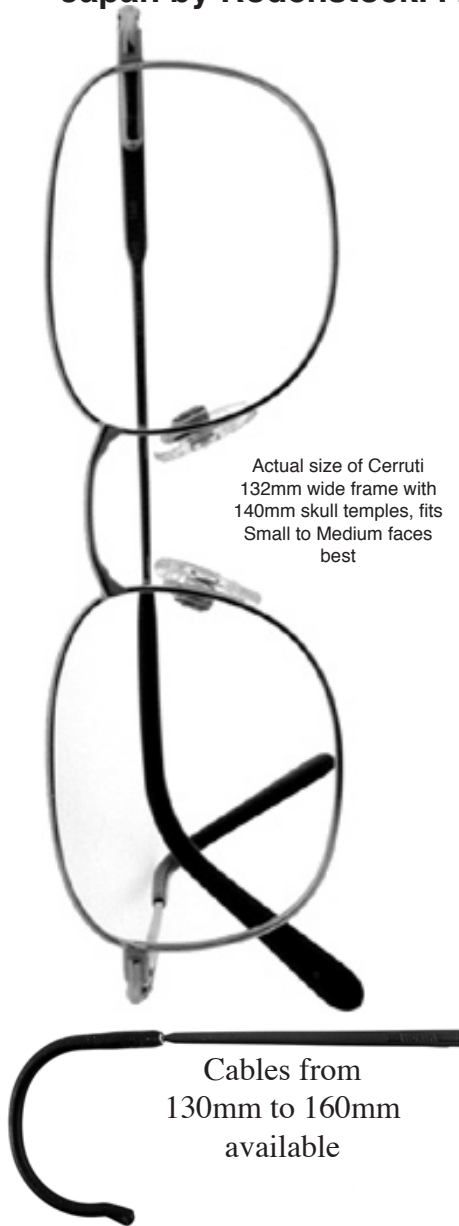
Monday thru **Thursday**, 10 AM to 2 PM Eastern Time, 9 AM to 1 PM Central, 8 AM to 12 noon Mountain, 7 AM to 11 AM Pacific Time.

Call toll-free 800-786-2021 or

FAX 318-641-9700, or email us *anytime* at hidalgos@suddenlinkmail.com

HIDALGO'S

Cerruti frames are made in Japan by Rodenstock. . .



Actual size of Cerruti 132mm wide frame with 140mm skull temples, fits Small to Medium faces best

Cables from 130mm to 160mm available

CERRUTI 1881 Square by Rodenstock, with spring temples

Rodenstock is an old German frame company that has been in the optical business making frames for over 130 years. This frame was made by one of their factories in Japan, not China. This is an excellent quality frame. The frame is made in the old world tradition, **top quality all the way**. Available in Gold/Silver, has white gold plating around the eyewire and on the inside of the temples, with gold trim on the outside of the temples, on the nameplate, and a touch of gold on the bridge. A very nice looking frame in the Rodenstock tradition. Has spring temples, full-floating replaceable silicone nose pads on adjustable arms. A conservative looking frame. Has 140mm skull temples (these can be adjusted from 130 to 145mm at no extra charge, just ask for the length you need when you order). **We can also install cable temples for you.** Frame is 132mm wide, with 48mm lenses, fits **small to medium** faces best. Should sell for \$140 in most shops.

Frame material: Rodenstock metal alloy
 Size: Small/Medium (132mm/48mm/140mm)
 Colors: Gold/Silver

CE....Cerruti frame only.....**59.90**
 Has 140mm **skull temples** (these can be adjusted from 130mm to 145mm at no extra charge, just ask for the length you need when you order).
 For **cable temples** use part number CEX-B, add \$19.90, give length between 130mm to 160mm.
 Available with prescription (page 58 and 59), or non-prescription lenses listed below.

Also available as a **complete non-prescription sunglass**, complete with carrying case of your choice:

Cerruti 1881 frame with these:

Frame with these **CR-39 plastic** lenses:

- CR-A....Dark grey CR-39 lenses..... 69.90
- CR-B....G-15 American Grey CR-39 lenses 69.90
- CR-C....Kontraster CR-39 lenses..... 69.90
- CR-D...Dark Grey Polarized CR-39 lenses..... 89.90
- CR-E....Kontraster Polarized CR-39 lenses..... 89.90

Frame with these **Glass** lenses:

- CR-F...Dark Grey glass lenses..... 79.90
- CR-G....American Grey (G-15) Glass 79.90
- CR-H.....Polarized American Grey (G-15) Glass 109.90
- CR-J.....Kontraster glass lenses 79.90
- CR-K.....Polarized Kontraster glass lenses..... 109.90
- CR-L.....Changeable Grey glass lenses 89.90

How to determine cable length:

All temples are measured from the screw hole to the tip. A skull temple that measures 140mm is equivalent to a 140mm cable (even though cables are 15mm longer than the equivalent skull temples). So the chart below shows how the "15mm" is figured in to the cables. A 140mm "fit" cable actually measures 155mm from hole to tip.

| If you wear this size skull | You order this size cable | Cable actually measures |
|-----------------------------|---------------------------|-------------------------|
| 130mm | 130mm | 145mm |
| 135mm | 135mm | 150mm |
| 140mm | 140mm | 155mm |
| 145mm | 145mm | 160mm |
| 150mm | 150mm | 165mm |
| 155mm | 155mm | 170mm |
| 160mm | 160mm | 175mm |

Please use our part numbers when ordering—the numbers or letters to the far left on the price line.

Please visit our website:

www.hidalgos.com
Everything in color there

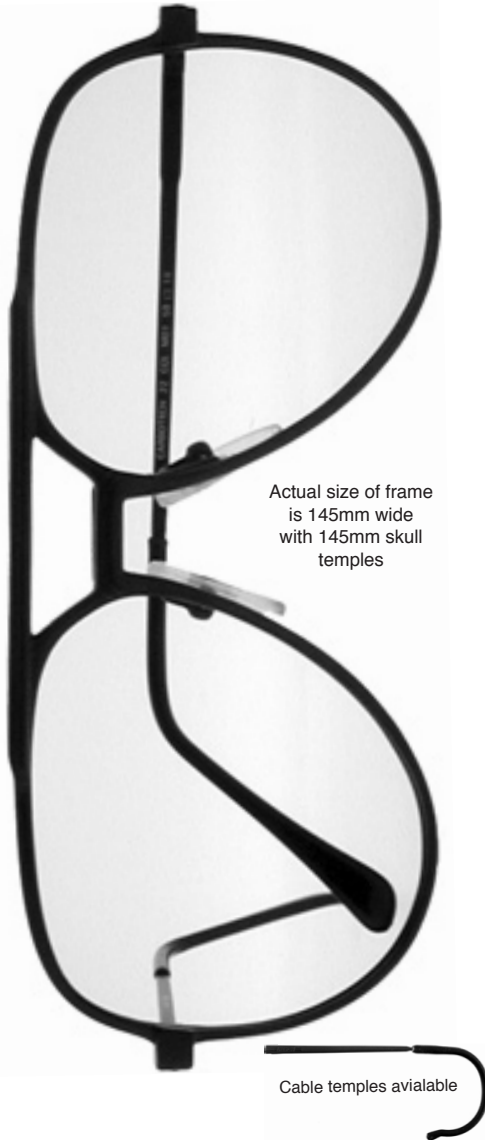
We are open to take **phone** orders:

Monday thru Thursday, 10 AM to 2 PM **Eastern** Time, 9 AM to 1 PM **Central**, 8 AM to 12 noon **Mountain**, 7 AM to 11 AM **Pacific** Time.

Call toll-free **800-786-2021** or **318-641-7700**, or **FAX 318-641-9700**, or email us **anytime** at **hidalgos@suddenlinkmail.com**



CTB Carbotech Lightweight Carbon Fiber frame

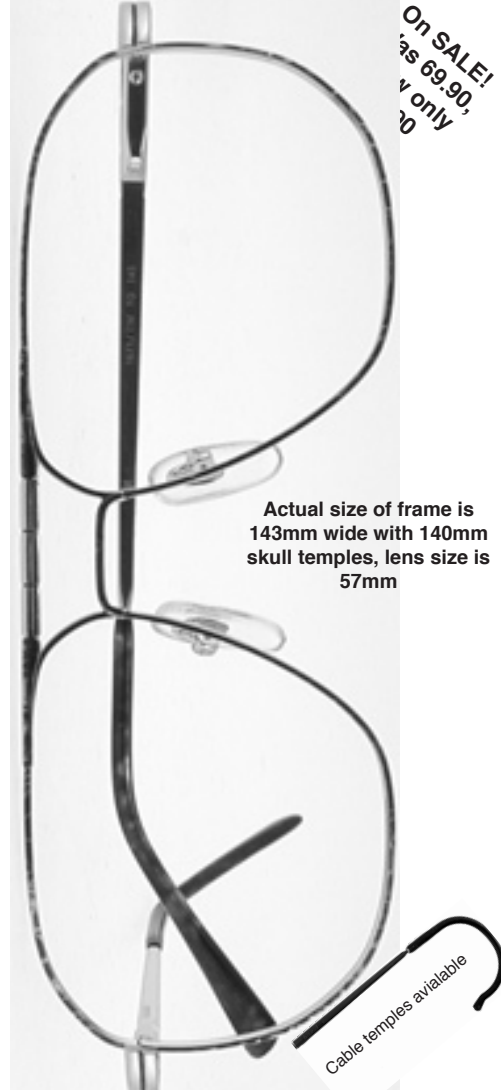


Actual size of frame is 145mm wide with 145mm skull temples

Cable temples available

Large size to fit wide faces

The FG frame is 143mm wide, Tortoise/Gold Navigator with 140mm skull temples (also available with long cables)



Actual size of frame is 143mm wide with 140mm skull temples, lens size is 57mm

Cable temples available

On SALE!
as 69.90,
only 49.90

CTB Carbotech Lightweight Carbon Fiber frame or sunglass

This Pilot shape has been around awhile. It's made of lightweight but strong carbon fiber, very comfortable, should last a long time. **Fits Large faces best.** Has replaceable soft silicone nose pads mounted on adjustable arms. Adjustable metal temples. Should retail for over \$120. Prescription lenses on pages 58 & 59. Material: Carbon Fiber

Size: Large (142mm/59mm/140mm)

Color: Matte Black

CTB...Carbotech 22 frame only..... **59.90**

Temple Options: We can adjust the length of the skull temples from 135mm to 145mm at no charge. You can have cable temples from 135mm to 155mm, add \$19.90 and use part number CEX-B.

This frame is also available as a non-prescription **sunglass**, with **Glass** or **CR-39 plastic lenses**, makes a super lightweight sunglass. See page 19 for details. Prescription lenses available on pages 58 and 59.

Please use our part numbers when ordering—the numbers or letters to the far left on the price line.

"FG" Navigator/Aviator frame with spring temples

Many people like the looks of the **Tortoise Gold "Navigator"** frames, **fits large faces**, **has 57mm lenses**, is 143mm wide. Frames come with 140mm spring-loaded skull temples (can be adjusted from 135 to 145mm lengths, also available with optional cable temples). Has replaceable soft vinyl nosepads mounted on adjustable arms to allow for a comfortable fit. **Tortoise** trim on front part of frame and on the temples, with gold back and side. Should retail for about \$120.

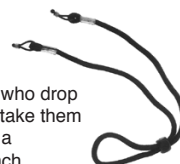
Now 49.90

~~69.90~~

Temple Options: We can adjust the length of the skull temples from 135mm to 145mm at no charge. **Cable temple option:** You can have cable temples from 140mm to 165mm,, add \$19.90 and use part number CEX-B. Prescription lenses available on pages 58 and 59.

Eyeglass leash w/adjustable retainer

This leash is cheap insurance for folks who drop their glasses from time to time, or who take them off and misplace them. Nylon cord has a slip knot device which allows you to cinch it up tight when you're wearing your glasses, when you take them off you can let the glasses hang down on your chest.



DV.....Nylon leash, black color..... **2.99**



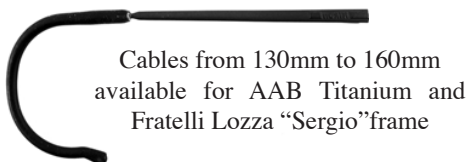
Actual size of
132mm wide
Jeff Banks 50mm
frame with 140mm
temples

**Jeff Banks Design
Stainless Steel 8437
with Spring-Hinges**

A conservative design made by Metzler. The elegant black color gives this frame the "executive" look. Made of non-corrosive Stainless Steel it should provide years or trouble-free wear. Spring hinges help keep the frames in place on your face. Replaceable snap-in soft-silicone nose pads are mounted on adjustable arms. Plastic covered skull temples keeps the metal away from your face. Modern single-bridge design. Should sell for about \$130 in most shops.
Frame material: Stainless steel
Size: Small to Medium 132mm/50mm/140mm
Medium to Large 136mm/52mm/140mm
Color: Black

MZ-8437...Frame only, black49.90

Frame comes with 140mm skull temples, we can adjust these from 130mm to 145mm at no extra charge. Cable temples are **not** available for this frame.



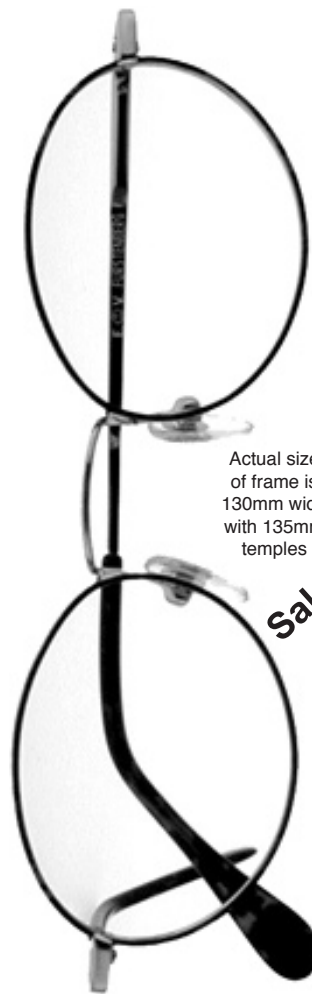
Cables from 130mm to 160mm available for AAB Titanium and Fratelli Lozza "Sergio"frame

How to determine cable length:

All temples are measured from the screw hole to the tip. A skull temple that measures 140mm is equivalent to a 140mm cable (even though cables are 15mm longer than the equivalent skull temples). So the chart below

Continued in next column >>>>>

TITANIUM OVAL



Actual size
of frame is
130mm wide
with 135mm
temples

**Sale priced
now 39.90**

**AAB Titanium Oval frame
with spring-hinges**

Titanium frames used to cost over \$150, here is one that costs a fraction of that. If you have had allergic reaction to frames in the past, try a titanium frame. This one has spring-hinges, replaceable soft vinyl nose pads mounted on adjustable arms for added comfort. **Fits Small to Medium faces best.**

Size: Small/Medium (130mm/48mm/135mm)

Color: Gold/DemiAmber

AAB...Titanium Oval frame only59.90

Temple Options: We can adjust the length of the skull temples from 130mm to 140mm at no charge. You can have cable temples from 130mm to 160mm, add \$19.90 and use part number CEX-B. Instruction below>

Non-prescription lense available on page 42, prescription lenses available on pages 58 and 59.

Sale price

low shows how the "15mm" is figured in to the cables. A 140mm "fit" cable actually measures 155mm from hole to tip.

| If you wear this size skull | You order this size cable | Cable actually measures |
|-----------------------------|---------------------------|-------------------------|
| 130mm | 130mm | 145mm |
| 135mm | 135mm | 150mm |
| 140mm | 140mm | 155mm |
| 145mm | 145mm | 160mm |
| 150mm | 150mm | 165mm |
| 155mm | 155mm | 170mm |
| 160mm | 160mm | 175mm |



Actual size of 52mm size Sergio, frame is 129mm wide with 145mm skull temples



Actual size of 50mm size Sergio, frame is 126mm wide with 145mm skull temples

Fratelli Lozza "Sergio" frame, Gold Electroplated, with long 145mm spring-templates, made in Italy

If you're tired of Chinese frames, the Fratelli Lozza is a breath of fresh air. Designed and built in Italy by old world craftsmen. Frame is all gold except for Tortoise temple tips, a really good looking "executive" type frame. Has 2 lens sizes available, 52mm have 129mm wide frame, or 50mm lens size has 126mm frame width. If you wear

progressive lenses these frames use the premium compact progressives. Both frames come with long 145mm skull temples. Has plug-in soft-silicone nose pads on adjustable arms, easily replaceable. If you need cable temples we can install 140mm to 165mm cables on them for an additional cost listed below. Sells in retail shops for over \$150.

- FL-Sergio-52**...Frame only, medium size, Gold electroplated49.90
- FL-Sergio-50**...Frame only, smaller size, Gold electroplated49.90
- CEX-B**...Convert skull temples to cables (give size from 140 to 165mm)19.90

Don't forget about our "try-on" program, see page 53 for details.

Now you can try frames on in the comfort of your home, you don't have to feel rushed like you do in local shops. Call us on our toll-free number 800-786-2021 between 9 AM and 3 PM Monday thru Thursday, Central.

We can put reading lenses in just about any frame in this catalog, or, any frame that you now own.

Eyeglass Screwdriver could save your lenses



If you wear metal frames that have screws to hold the lenses in place, sooner or later they will loosen and your lens will fall out. You should check the lenses every week or so to make sure they are not loose. This is a straight slot #3 Jewelers screwdriver. Made in the USA.

- GEA.....Jeweler's Screwdriver 2.99

Soft nose-pad covers (boots)



Made of silicone, these covers fit over hard nose pads like socks, you just slip them over the hard nose pad. They add significant comfort to some of the hard nose pads such as the ones found on the Ray-Ban metal frames. These are not necessary on most new frames today, most of them have softer nose pads.

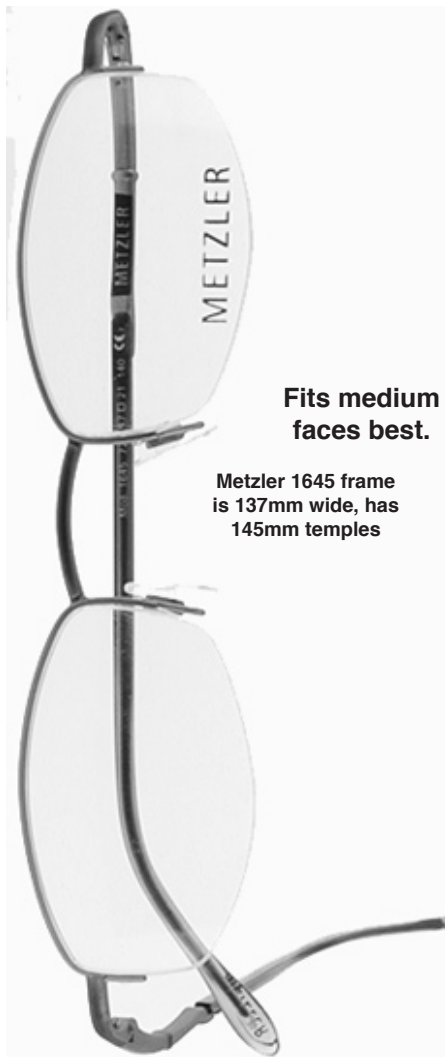
- EM-B....Soft nose pad covers..... 4.99 pair

**Toll-free order line
800-786-2021**

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FAX 318-641-9700**

**email: hidalgos@suddenlinkmail.com
website: www.hidalgos.com**



Fits medium faces best.

Metzler 1645 frame is 137mm wide, has 145mm temples

Metzler 1645 Semi-Rimless with smooth operating spring-temple

A modern good looking *geometric* design from Metzler, very good quality at a reasonable cost. Frame is 137mm wide and fits medium faces best. Although the temples are marked 140mm, they are actually 145mm long, can be adjusted from about 125mm to almost 150mm. Plug-in replaceable nose pads on adjustable arms. Smooth operating spring-loaded temples have steel grey plastic covering. Frame is Matte Gunmetal, sharp looking. Retail is over \$150.00. Can be fitted with compact progressive lenses.

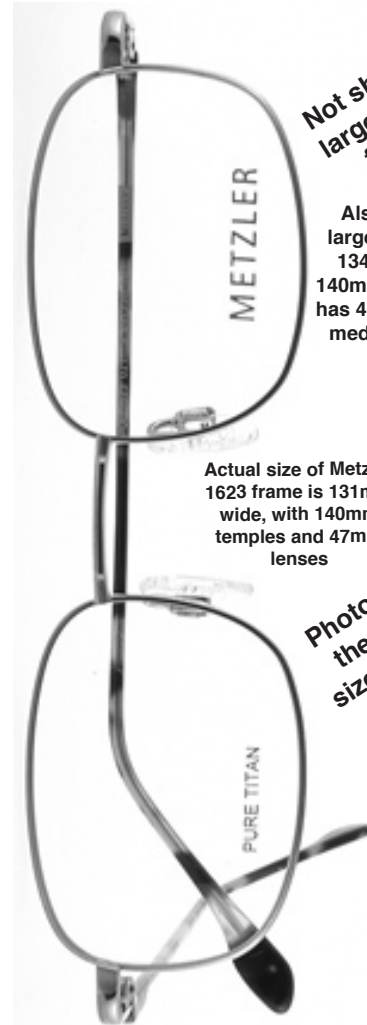
MZ-1645...Semi-rimless frame49.88
See page 58 for prescription lenses.

Frame sizing information:

The frame sizing can be found in the description, it will say something like this: Medium (135mm/52mm/140mm).

The **first indicator** "medium" means that this frame will generally fit people with "medium faces". The **first number, 135mm**, is the width of the frame from the outside of the endpiece to the outside of the other endpiece (the widest part of the frame). The **second number, 52mm**, is the size of **one** of the lenses as measured straight across at the widest part of the lens. The **third number, 140mm**, is the size of the stock temples. If the measurement is given as 140mm, we can adjust some temples from 135mm to 145mm.

TITANIUM



Not shown is the larger size which fits medium faces best

Also available in larger size which is 134mm wide with 140mm skull temples, has 49mm lenses, fits medium faces best

Actual size of Metzler 1623 frame is 131mm wide, with 140mm temples and 47mm lenses

Photo shows the smaller size which fits small faces best

Metzler MZ-1623 TITANIUM

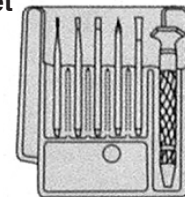
A TITANIUM frame that offers modern styling, light-weight and toughness that Metzler is know for. Designed in Germany. A very nice looking frame that does not call attention to itself, very conservative design and color. **Silver** frame with **Gold** accents, or all-gold colored frame and **tortoise** plastic covered 140mm adjustable wire temples (can be shortened to 130mm or lengthened to 145mm by bending the temple tips in and out. Lens size is 47mm on the smaller on and 49mm on the larger one not shown., fits **small** faces best. Replaceable soft-silicone plug-in nose pads.

MZ-1623-47-SG...Titanium Frame 47mm small, Silver/Gold color 59.88
MZ-1623-49-G.....Titanium Frame 49mm medium, Gold 59.88
MZ-1623-49-SG...Titanium Frame 49mm medium, Silver/Gold 59.88

See page 58 or 59 for prescription lenses for this frame.

Jewelers Screwdriver Set

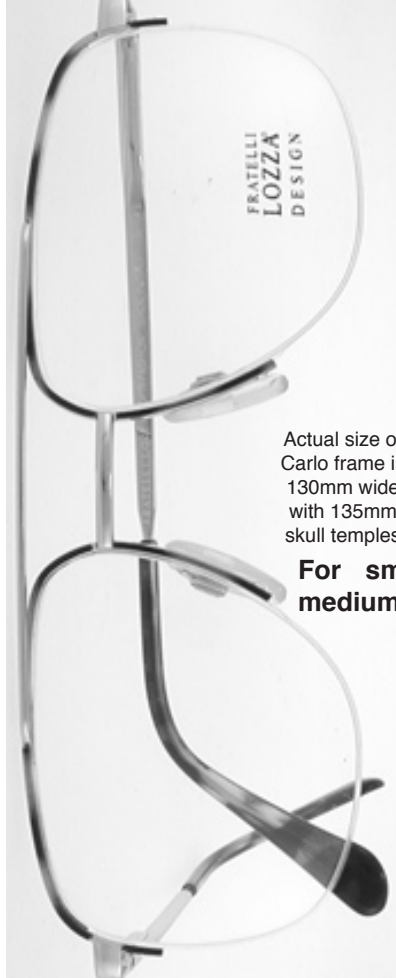
Screwdriver handle with 5 interchangeable blades; 3 different sized straight slot screwdriver blades, 1 crosspoint pint and one awl. In vinyl carrying case. Made in USA.



GEB....Screwdriver set 4.99

To order call our toll free number at **1-800-786-2021** between 9 AM and 1 PM Central time **Monday thru Thursday**

**Fratelli Lozza “Carlo”
semi-rimless frame,
made in Italy**



Actual size of Carlo frame is 130mm wide with 135mm skull temples

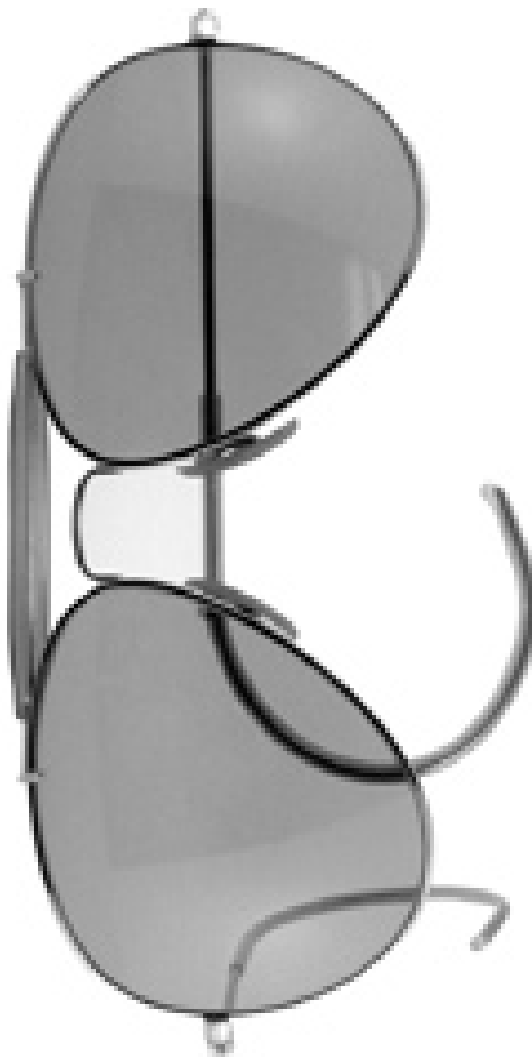
For small to medium faces

Fratelli Lozza “Carlo” frame, Gold with Tortoise trim on front, made in Italy

If you're tired of Chinese frames, the Fratelli Lozza is a breath of fresh air. Designed and built in Italy by old world craftsmen. Frame is all gold except for Tortoise temple tips and Tortoise trim around the front of the frame, a really good looking “executive” type frame. Has 53mm lenses that are just large enough to utilize standard progressive lenses, if that is what you wear. Frame is 130mm wide and sits **small to medium faces** best. The 135mm skull temples can be shortened to 125mm or lengthened to 140mm. If you need cable temples we can install 140mm to 160mm cables on them for an additional cost listed below. Sells in retail shops for over \$140.

FL-Carlo...Frame only 59.90
CEX-B...Convert skull temples to cables (give size from 140 to 160mm) 19.90

If you order lenses with this frame don't forget to add the “Semi-rimless” lab charge for grooving the lenses, it's part number RX-G on the bottom of page 58.



**Outdoorsman Copy
Sunglass w/Changeable PhotoSun
XDF Grey lenses and cables**

This is a good copy of the Ray-Ban Outdoorsman 58mm size sunglass. Of course, it is not as good a quality as the Ray-Ban version, but the cost is significantly less. Frame is the same size as the Ray-Ban Outdoorsman as shown on page 13. Has 145mm cable temples (they actually measure 160mm overall), frame is the same width at 139mm wide. **What is unique about this sunglass is the lenses.** They come with a ground and polished glass Corning Changeable PhotoSun Grey XDF. This lens starts out at 45% in its' light condition (medium to light density) inside a building, will darken to about 15% in direct sunlight. We have only a few of these left. Comes with a tan color Ray-Ban Copy case as shown on page 36 (our part number 75-1).

95-2...Gold frame with PhotoSun Grey lenses...39.90



**Eyeglass Screwdriver could
save your lenses**

If you wear metal frames that have screws to hold the lenses in place, sooner or later they will loosen and your lens will fall out. You should check the lenses every week or so to make sure they are not loose. This is a straight slot #3 Jewelers screwdriver. Made in the USA.

GEA.....Jeweler's Screwdriver 2.99

**Eyeglass leash
w/adjustable retainer**



This leash is cheap insurance for folks who drop their glasses from time to time, or who take them off and misplace them. Nylon cord has a slip knot device which allows you to cinch it up tight when you're wearing your glasses, when you take them off you can let the glasses hang down on your chest.

DV.....Nylon leash, black color..... 2.99

Closeouts from other catalogs. . .

We almost always have leftover merchandise from past catalogs. Right now we have a few of the following items at really good prices. If you are interested in any of these you can drop us an email and we can tell you what we have and also give you a price. **Email address is hidalgos@suddenlinkmail.com.**

Porsche Design sunglasses, at this printing we had about 6 pair left at less than half price.

Ray-Ban Prescription RX frames, got about 20 pair of Wayfarers, Aviators, and other styles of their Rx line at 50% off.

Lots of wraparound imported frames with plastic lenses at really good prices. Some polarized some not.

Lots of really good discontinued prescription frames that can be used for non-prescription sunglasses, readers, or regular prescription glasses. When you email us, select frame shapes and sizes listed in this catalog so we will have a good idea of what you're looking for. We have some for as little as \$9.90 that originally sold for over \$100.

We have a surplus of 62mm G-15 lenses for the Ray-Ban Large Aviator, Large Outdoorsman or 62mm size Shooter. These were removed from brand new frames for customers who wanted prescriptions lenses in their Ray-Ban's. They are part number KCG as listed on page 15 of this catalog, regular 44.90 per pair, only last now while the surplus lasts for half-price (22.45 per pair). Mention the haof-price offer if you order on the phone, or if you want to mail in an order. **No shipping charge on this item.**

We have lots of Ray-Ran Black Skull temples, the 135mm standard size, from our 30 years of accumulating parts. Most of them are for the regular 52mm, 55mm or 58mm Ray-Ban Aviators, we have a few that fit other older frames. We are selling these for half-price as well, they are part number KDA ib oage 15 if this catalog listed for 49.90 a pair, your cost is 50% off or \$24.95 per pair, no shipping charge.

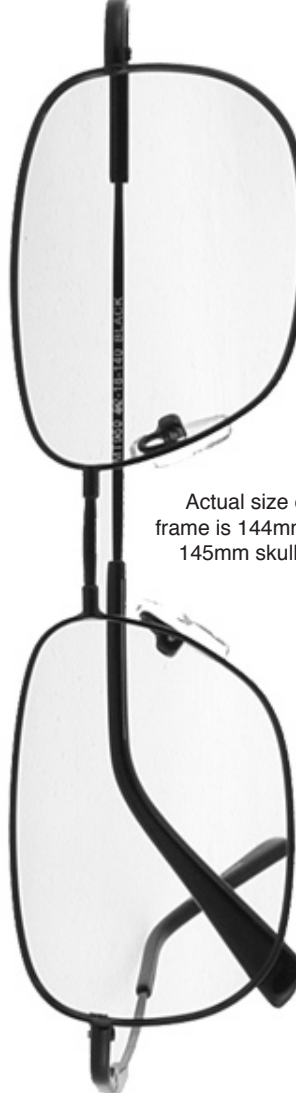
We also have a lot of G-15 lenses for the Ray-Ban Wayfarer's, both the 50mm regular size and the 54mm large size, some even have mirrors on them. 50% off the G-15 glass lenses, not shown in this catalog, but we normally sell them for 49.90 per pair, now only \$24.95 per pair with no shipping charges.

Too many items to list.

If you have an questions, don't hesitate to call, we've been doing this for 47 years, we can help you.



M950 Flexible Memory Metal Titanium frame with spring-hinges. . .



Actual size of M950 frame is 144mm wide with 145mm skull temples

Customers like the memory metal frames because of their durability and flexibility. They will take a lot of abuse. Here is a modern "square" shape that is so popular now. Frame is slightly over 144mm wide, but with the wider temple design it has more modern 52mm lenses, so it does not appear wide on your face. Fits medium and large faces best. Has 145mm temples. Soft vinyl screw-on nose pads. Available in Black, Silver or Brown/Copper.

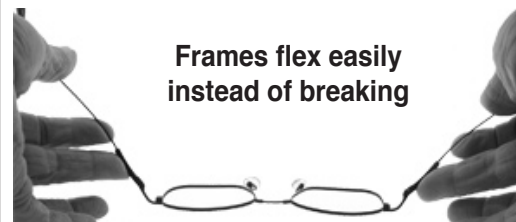
M950-BK...Black frame..... 69.88

M950-SI...Silver frame..... 69.88

M950-BR...Brown/Copper fra,e 69.88

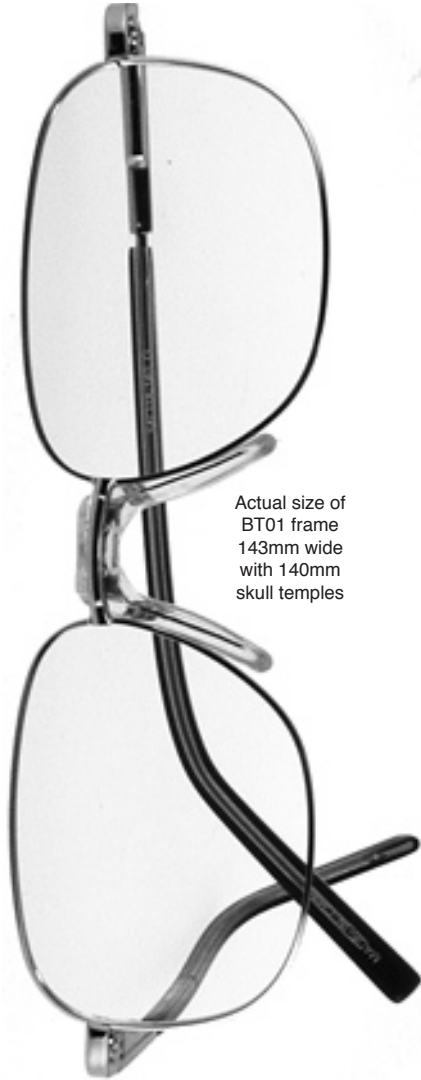
Available with cable temples, sizes 140mm to 160mm lengths.

CEX-B...Cable conversion (give size) 19.90



Frames flex easily instead of breaking

If you are looking for a comfortable frame to fit medium to large faces, consider this one, many people think that the soft-silicone unifit bridge is the most comfortable every made. . .



Actual size of BT01 frame 143mm wide with 140mm skull temples



Has adjustable “wire core” imbedded in the nose pads, so you can adjust them to fit almost any face size or shape.



Unifit bridge is fully adjustable to fit your nose width

Unifit bridges have always been the most comfortable bridges, now made with modern design and materials they are even more comfortable.

Baron "BT01" with adjustable Unifit bridge and spring-loaded temples . . .

When I think of traditional frames, this is the one that comes to mind. The classic “executive” design, a very comfortable fully adjustable unifit bridge made of soft silicone. You can adjust this bridge to fit almost an size or shape of nose, and the soft silicone material makes it comfortable, helps keep the frame in place on your nose, takes the weight of the frame and lenses and transfers it to the top of your nose to keep the pressure off the sides of your nose. The plastic covered metal spring loaded temples are 140mm long, can be shortened to 135mm or lengthened to 145mm. Frame

is wide at 143mm, fits medium to large faces best. The unifit bridge is held on by 2 screws so it can be replaced. Good looking stylish single-bridge design. Available in only one size and 4 colors. Retail is \$100.00.

Size: 143mm w/54mm lens/140mm temple

- Colors: Gold
 Gray
 Gun Metal
 Matte Brown

30-BT01....Frame only, give color choice..... **69.88**

Cable temples are not available for this frame. Prescription lenses for this frame are listed on pages 58 for plastic and 59 for glass. Non-prescription lenses can also be installed in this frame, see page 42 for those lens prices.

Don't forget our “Try-on” program, let's you try frames in the comfort and privacy of your own home, don't be rushed by salespeople, sort through them at home and take your time. See page 55 for details.

To place an order call 9 AM till 2 PM Central time, Monday thru Thursday 1-800-786-2021



Eyeglass Screwdriver could save your lenses

If you wear metal frames that have screws to hold the lenses in place, sooner or later they will loosen and your lens will fall out. You should check the lenses every week or so to make sure they are not loose. This is a straight slot #3 Jewelers screwdriver. Made in the USA.

GEA.....Jeweler's Screwdriver 2.99

HIDALGO'S
 In business since 1967

Need reading glasses, but don't have a prescription. . .

If you wear reading glasses but are tired of the cheap ones you buy off racks, we can make you 2 different types of reading lenses to put in any frame in this catalog or frame that you have. All that is required is that the frame have a rim with a screw so that we can "open" the frame to replace the lenses that are now in it. We don't do "rimless" under this "non-prescription" offering, but if you need those--look at page 56 to prices.

How to determine what "power" you need. .

The best way to first determine this is to measure the distance from your eye to what you need to see. A "normal" reading distance is about 15" to 18". Then go to a store that sells the cheap readers and bring a ruler with you, try on different powers until you find one that focuses at the distance you need. If you are looking for a lens that focuses at 24" for computer use, repeat the above procedure, if you need to see something at 45" use the same procedure. If you know the distance you need to focus on you can find the power that works.

Focus is all about the distance from your eye to the object you want to see. If you need to see items at different distances, like a keyboard at 20" and a monitor at 34", you will need a different kind of lens like a tri-focal or a progressive lens that offers an unlimited number of distances you can focus at.

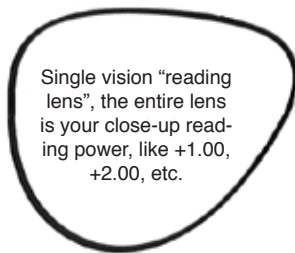
We offer 2 kinds of "reading" lenses:

Single-vision reading lenses:

This is a lens where the **entire lens** is the reading prescription like the "readers" you buy off racks. Example; if you wear a +2.00 off the rack, you would select the same power for this lens. The entire lens is the magnifier. Single-vision means one focus distance. If you need a power that is stronger or weaker, use the instruction above to find what you need. These can be installed in almost any frame in this catalog.

Single-Vision Reading lenses

The entire lens is one power, this gives you a large field of vision, all close up. You can have it focus at 15", or 24", or 32" or any focal point you want.



Clear PLASTIC Single-vision reader lenses are available in powers of +.25, +.50, +.75, +1.00, +1.25, +1.50, +1.75, +2.00, +2.25, +2.50, +2.75, +3.00, +3.25, +3.50, +3.75 or +4.00. If you need lenses with more power, see the prescription pages (56 and 57) for prices and availability. These CR-39 plastic lenses can also be made into sunglass lenses (see page 56 step 3 for tinting costs and color options). Price is for one pair. You can choose one power for one eye and another for the other eye if that is what you need.

LEA...**PLASTIC Single-vision CR-39 reader lenses**, per pair (give power)..**39.90**

If you want a more scratch-resistant lenses, you might have glass lenses installed.

Clear GLASS Single-vision reader lenses are available in powers of +.25, +.50, +.75, +1.00, +1.25, +1.50, +1.75, +2.00, +2.25, +2.50, +2.75 or +3.00. **If you want the ultimate clarity and scratch-resistance**, choose the **GLASS** lenses. If you need reader

lenses in colored glass you'll need to look on page 57, they're the same price as single-vision prescription lenses. You will also find other services for glass lenses, such as Anti Reflection coatings, etc. Price per pair.

LEB...**GLASS Single-vision reader lenses**, per pair (give power).....**49.80**

If you need to see 2 distances. . .

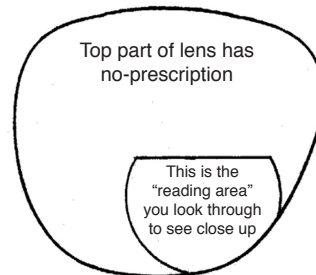
BF-28 Bifocal reading lenses;

example, reading distance and distances of from 6' to infinity. That would require a bifocal (lenses that focus at 2 distances). The top part of the lenses are clear with **no prescription**, and the bottom of the lenses are your "reading" or close up correction. So you can have "reading glasses" that you don't have to put on and take off all day, you can leave them on like regular prescription glasses. What you see out the top part of the lens is what you see now with no glasses on. These BF-28 bifocals only come with clear top (no correction in top) and "reader" bottoms.

You can have them made into a sunglass also by having them tinted (see page 56, step 3 for a selection of colors and densities and extra charges). You could also have mirrors, or anti-reflection coatings applied (see step 3 on page 57 for a list of coatings and prices).

BF-28 Flat-top Bifocal

The 28mm wide "half-moon" shaped reading section is the only part of the lens that focuses up close, the rest of the lens has no correction, uses your normal vision.



Clear BF-28 Flat-top bifocal reader lenses are available in +.25, +.50, +.75, +1.00, +1.25, +1.50, +1.75, +2.00, +2.25, +2.50, +2.75 or +3.00. If you have your pupil distance measurement (distance between your pupils) please include that. We will also need to know **where you want us to put the top (flat part) of the reader**, this is known as the "Segment Height", this is the distance from the bottom of the frame to the top of the reading "segment". Generally it will be a few mm below your pupil. See page 55 for more details on locating the "Segment Height".

LEC Plastic BF-28 bifocal reading lenses (give power choice, pupil distance measurement and segment height).....**59.90**

Glass bifocals are available on the prescription page (59).

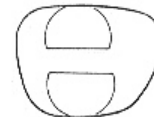
Reading lenses are all about focal distance. . .

If you are using a +2.00 for reading distance and with your eyes that makes everything come into focus at say 15 inches, the if you wanted to see something clearly at 30 inches you would only need half that much power, or a +1.00.

All reading lenses focus at only one distance. If you need to have two close-up reading distances then you need to go to some kind of bifocal, bi meaning 2 focal distances.

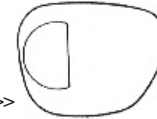
People who use computers where the keyboard is at 15" and your monitor is at 30" can get a regular 28mm wide bifocal that might focus at 15" on the bottom and the top of the lens would focus on the monitor at 30".

Removable/reuseable "Stick-on" bifocals, take them off and put them on as often as you want. . . They're back!



Or, you can put them anywhere you want, you can even put 2 or 3 of them on your single-vision lenses

You can put them on the bottom of the lens in the <<< "Normal" position



Or, you can put them on the side of you like >>

You can put these "reading" lenses anywhere you want, and change them around anytime you want...

The removable "bifocal" lenses that you can put anywhere on your sunglasses or prescription glasses. These are really neat. They are easy to apply and remove. To apply you simply wet them and press them where you want them on your glasses. The molecular attraction of the lenses cause them to adhere (the water is used to make sure the reading lenses make complete contact with your lenses and that there are no air pockets to cause distortion). They can be removed by peeling them off, and reused again and again. We can think of many uses for these removable reading lenses:

- **Fishermen;** stick these on the bottom of you sunglasses so you can see up close to bait your hook
- **Pilots;** stick these on the **top** of your glasses to see your overhead console, or on the bottom to read charts and approach plates
- **Golfers;** stick the reading lenses off to the side of your glasses so you can still see the ball through the distant correction, but be able to see the score card looking through the reading lens
- **Drivers;** place these lenses on the bottom of your glasses to read maps, see the dashboard instruments better, etc.
- **Computer operators;** if you don't have a reading correction (bifocal) in your current glasses, these lenses will help you see your keyboard/screen better.
- **Need to focus on something up high,** like on the

12.48 to 14.88 per pair

top shelf in a store, stick these on the upper part of your lenses. Or, stick one on the top and the other on the bottom.

There are lots of uses for these removable reading lenses.

How do you decide what power to buy? If you're currently using off-the-shelf reading glasses they usually have a number stamped on them somewhere, like +1.50. If that works for you, order the same power in these lenses. If you wear single vision prescription glasses, you'll need to try on some reading glasses to determine the power you need (try on the reading glasses in front of your **prescription glasses with them on**). Or, if your eye doctor has prescribed **reading glasses or bifocals**, just give us that prescription (on the prescription this is listed as the "**add**" power and it will always be a Plus number, like +2.50). Size; they are 30mm wide (1.25 inches). Available in choice of 6 different powers; +1.25, +1.50, +1.75, +2.00, +2.50 and +3.00. You can put them on the front or back of the lenses, they usually work better on the back.

Now on sale for 14.88 per pair

NEF.....Removable reading lenses, one pair (give magnification).....~~22.50~~

Save even more, **buy 2 or more pair** at one time and the price drops to **12.48 per pair**. If you are ordering only stick-on bifocals, nose pads, strap bridges or Temple-locks the **total shipping charge is only 2.90** instead of the normal 5.80 shipping.



Marcus "49mm" frame is 135mm wide, with 135mm skull temples, fits medium to large faces best

Fratella Lozza "Marcus" Semi-rimless with Spring-loaded temples, made in Italy

Here is a modern semi-rimless that is right in step with today's styles. **Made in Italy** by Fratelli Lozza. Has soft vinyl snap-in replaceable nose pads mounted on adjustable arms. Two sizes; the 49mm size frame is 135mm wide with 135mm temples and is available in Gunmetal or Brown colors, the larger 51mm size frame is 139mm wide with 140mm temples and is available in Gold color only, **both fit medium faces best**. We can adjust the temples for you

from 130mm to 145mm, also available with optional cable temples. Must use plastic lenses, either CR-39, Trivex or Polycarbonate in single-vision, flat-top bifocals, trifocals or progressive lenses. This is a really good looking frame at a bargain price. Don't forget to add the Semi-rimless grooving charge (part #RX-G, bottom of page 58) when ordering complete prescription glasses. Cable temple exchange available below. Frame retails for \$120.00.

FL-MARCUS-G.....Marcus 49mm frame, Gunmetal **49.88**

FL-MARCUS-B.....Marcus 49mm frame, Brown **49.88**

FL-MARCUS-GD....Marcus 51mm frame, Gold **49.88**

CEx-B...Convert skull temples to cables (give size from 130 to 160mm) 19.90

See page 58 for prescription lenses for this frame, and don't forget to add the RX-G grooving charge as listed under step 2-A. Can't put glass lenses in semi-rimless frames.



Slip-in clip carrying case

with leatherette covered stainless steel clip that clips to your pocket or belt. Has a soft protective lining to protect lenses. Inside measurement is 3" by 6 3/8", fits glasses to 6 1/8" (155mm) wide. **Black** leatherette covering.

4-1...Slip-in clip case 2.99



LBI "Senator" Flip-top case

Slips in your pocket, no clips, top opens and closes by moving flap under strap. Color is brown. Size is 145mm tall, and 50mm wide and 20mm deep, fits normal frames, will no fit frames with cable temples, or wraparound glasses.

LBI...Senator brown case 6.90



E702 3-color Clam Shell carrying case

Snap-close and open steel case covered by leatherette, color on left is dark brown, center is tan, and right side is light brown, a very nice looking case. Case is 145mm wide, 45mm tall, and 30mm deep, not for glasses with cable temples or wraparound glasses.

E702 2 color case 5.90

Copy of old Ray-Ban carrying case



Tan Leatherette carrying case with rigid plastic cage to protect glasses from crushing. Same design and color as the old Ray-Ban cases. Snap-lock flap with slits on back of case.

75-1....Tan leatherette carrying case 5.90

Sunshields that fit over your glasses. . .

Some lenses as dark as 5%



1003 Fit-over sunshields

If you need low cost protection from the sun, here are the best buys in this catalog. These fit-over sunshields will fit over your eyeglasses, or they can just be worn as is. They are 6 inches wide overall (152mm), so they will fit over any eyeglass. You get really good overall coverage. The temples are the same color as the lens, so you get side protection but you still have good peripheral vision. If you want extra-dark lenses, the Dark Grey irridessant mirrored and Dark Grey mirrored lenses have a VLT (visible light transmission) of only 5% (they block 95% of the incoming visible light. All of these lenses block 100% of the UV rays.

They are made of hard-coated polycarbonate plastic, which is highly impact-resistant. All come with a slip-in case.

They are available in these lens choices:

1003DR...Copper Colored Driver lens, similar to our Kontraster, VLT is 19% 12.88

1003Y...Yellow lens, can be used as safety glasses for shooting, or mowing, weedeating, workshop, night driving, etc. Will increase the contrast of what you see, VLT is 65%. 12.88

1003S...Dark Grey lens, slightly darker than normal sunglass lenses with a 12% VLT. 12.88

1003M...Dark Grey Mirrored lens, if you need really dark lenses this is a good choice. If you have a light sensitivity problem, or just need more protection than normally sunglasses provide, this may be the best choice, VLT is 5%. 12.88

1003CM...Dark Grey lens with Iridescent Mirror, depending on the angle you look at the front of this lens, it appears blue, then green, then violet, really cool lens for those who want to be different. This is also a very dark lens with a for extremely bright glare or for people with extra-sensitive eyes, VLT is 5% 12.88

Open Monday thru Thursday from 9 AM to 1 PM central time, call 800-786-2021

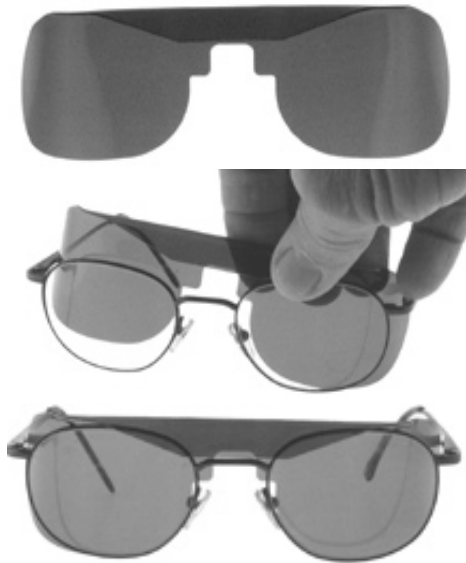
Eyeglass leash w/adjustable retainer



This leash is cheap insurance for folks who drop their glasses from time to time, or who take them off and misplace them. Nylon cord has a slip knot device which allows you to cinch it up tight when you're wearing your glasses, when you take them off you can let the glasses hang down on your chest.

DV.....Nylon leash, black color..... 2.99

Convert your clear lens glasses to sunglasses



Behind glasses

slip-in Polarized sunshields

Just slip these behind your regular glasses, they lock in on the top of your frame, provide 100% UV protection and are polarized. The Grey version has a visible light transmission of 15%, the Kontraster™ has a light transmission of 17%. You can wear these behind clear glasses, and they'll provide all the protection you need, including the elimination of a lot of reflected glare through the polarizing action. **You can take a pair of scissors and cut the lens to match your frame exactly.** They are 5 1/4 inches wide, and 2 1/8 inch tall, will fit behind any frame. If they're too big, you can cut them to size with scissors. Good to carry in your glove box as an extra sunglass, or, if you are going out on the water you can even slip them in behind your regular sunglasses and get the polarizing benefits. If you slip these behind G-15, Dark Grey or Kontraster sunglass lenses, they'll bring the overall light transmission down to about 8%, which is good for on-the-water use.

PRB.....Large Grey 6.88
PRD.....Large Kontraster™ 6.88

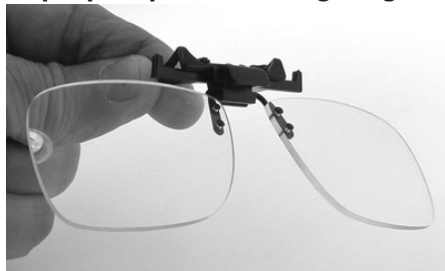
Clip-on Flip-ups

These sunglasses have been around many years. They are very useful and inexpensive. You simply pinch the cloth pin type clasp and slip it on your glasses. You can then flip it up and down as you need too. Size is 134mm wide by 47mm tall. Available in 3 models; the **Dark Grey and Kontraster Polarized** versions have a visible light transmission of 15% (dark), the **Yellow** version (some times called the "night'driving" glass is almost clear with a visible light transmission of 82%, and it's a little larger at 139mm wide. All stop 100% of the UV light.

JBN.....Dark Grey Polarized clip-on 9.88
JBP.....Yellow "Night Driving" clip-on..... 9.88
JBR....Kontraster Polarized clip-on 9.88
JBQ...Coppermax clip-on..... 9.88

HIDALGO'S
Since 1967

Flip-up Clip-on Reading Magnifier



Just clip on to your present glasses, makes working on small things a lot easier

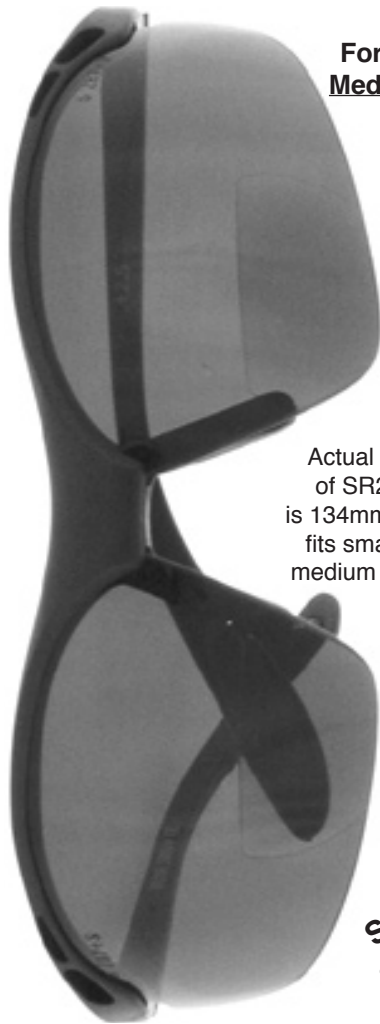
Just clip it on to the top of your glasses, this flip-up reading glass/magnifier brings up a larger close-up view. Fits most glasses. Each lens is 56mm wide and 43mm tall (2 1/4"x1 3/4") for full lens coverage, it is 128mm wide overall (5"). The clothes-pin type attachment allows you to install it and remove it instantly. Available in +1.50, +2.00 or +3.00 magnification. Has plastic aspheric lenses for a clear sharp view. Comes with a little vinyl slip-in carrying case.

95-RC1004....Flip-up Magnifier (give power)..... 12.88



To order toll-free call
1-800-786-2021

Ready to wear sunglass with bifocal reading lenses built into the bottom of the lenses



For Small to Medium faces

Actual size of SR206 is 134mm wide fits small to medium faces

Built-in < bifocal on bottom

Save 33%, special sale \$19.72

SR206 Wraparound sunglass with built-in bifocal/reader on bottom

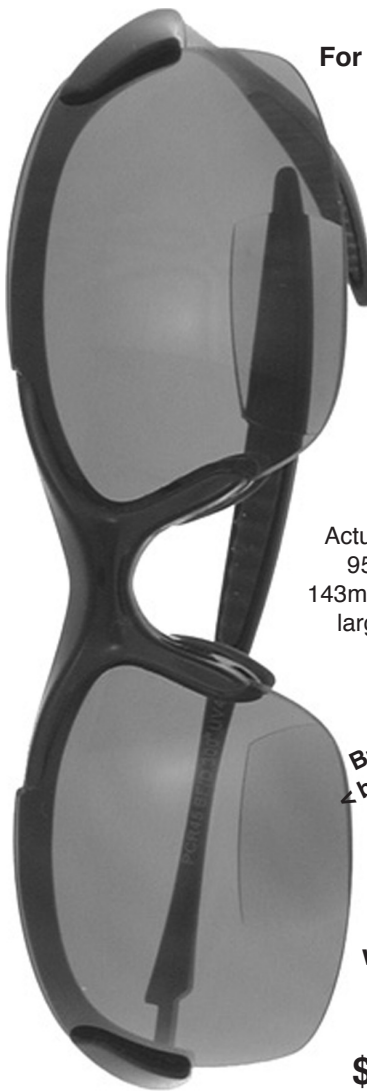
Want a cool looking non-prescription sunglass that has a built-in 30mm wide bifocal? Bifocal top is 17mm off the bottom, nearly invisible in the Dark Grey color when looking at the glasses from the front. All lenses block 100% of the UV, the Dark Grey plastic lenses has a VLT of 12% (dark), the Coppermax Driver has a VLT of 26%, (medium tint), the Yellow lenses have a VLT of 75%. (very light tint) The Clear lenses have a VLT of 95%. Has a very comfortable soft vinyl bridge, extreme wraparound design, temples have rubber tip inserts to keep the glasses firmly in place. Frame is 135mm wide, fits medium and large faces best. Frame is black color. Available in +1.50, +2.00, or +2.50 powers.

| | |
|---|------------------|
| SR206C.....w/Clear lenses (give power)..... | 29.88 |
| SR206DR...w/Coppermax Driver lenses (give power) | 29.88 |
| SR206S.....w/Dark Grey lenses (give power) | 29.88 |
| SR206Y.....w/Yellow lenses (give power) | 29.88 |
| Use carrying case DVCD for the SR206 | 4.99 |

Lower part of sunglass has a built-in bifocal/reading segment



Great for seeing the speedometer or radio while driving, or reading charts while flying, or seeing the score card when playing golf, or reading out by the pool, or reading menus, etc.



For Wide faces

Actual size of 95 Driver 143mm wide, for large faces

Built-in < bifocal on bottom

On sale while they last for 33% off \$19.72 ea.

95 "DRIVER" Lightweight Wraparound Sunglass with built-in bifocal (reading lenses) on bottom. . .

Now you can see the speedometer or radio controls much better, thanks to the reading glasses built-in to the bottom. Flexible polycarbonate frame weighs almost nothing, universal fit temples with rubber tips help keep them on. Frame is 143mm wide, fits medium to medium/ large faces best. "Driver" TR-90 Copper/Kontraster colored polycarbonate lenses stop all the UV light and has a VLT of 21%. If you don't need distant prescription glasses but do need "cheaters" to read with, this is a cheap solution--you get a sunglass and a reader in one. Available in +1.50, +2.00 or +2.50 powers. Frame color choice is **shiny black, demi-amber or lipstick red**. Case for these available on this page, uses the DVCC case. On sale for 14.95 each.

| | |
|---|------------------|
| 95-A...Black frame w/Copper (give power choice) | 29.90 |
| 95-D...Black frame w/Dark Grey lens (give power)..... | 29.90 |
| 95-C...Red frame w/Copper (give power choice) | 29.90 |

Lower part of sunglass has a built-in reading segment



Sunglass with Bifocal Reader in bottom of lens, on sale, was ~~29.90~~



Actual size photo of frame, width is 140mm with universal-fit temples, fits medium faces best

PCR42 Wrap-around sunglass with reader in bottom

Tired of trying to read something outside in bright light, or trying to see the speedometer or GPS or radio? This sunglass has a reader lens built-in to the bottom of the lenses to make it easier to focus. The lenses are highly impact-resistant Polycarbonate and are Z87+S approved as safety eyewear. The lenses are **not** polarized so they won't black out your cell phone, car radio, GPS, TV or other LCD device screens. The light transmission levels on both the Dark Grey and the Kontraster lenses are 10% visible light and 0% UV, they are darker than our glass Kontraster lenses.



Full wraparound to give you the best coverage

Uses E315 carrying case shown below

Choice of 5 frame/lens combinations:

1. Black frame with Dark Grey lenses, 2. Electric Blue frame with Dark Grey lenses,
 3. Black frame with Kontraster lenses, 4. Lipstick Red frame with Kontraster lenses, 5. Demi-Amber frame with Kontraster lenses.
- Powers available are 1.50, 2.00, 2.50 or 3.00 power.

| | |
|--|-------|
| PCR42BG..... Reader, Black frame with Dark Grey lenses (give power choice) | 19.88 |
| PCR42BLG... Reader, Electric Blue frame with Dark Grey lenses (give power choice) | 19.88 |
| PCR42BK..... Reader, Black frame with Kontraster lenses (give power choice) | 19.88 |
| PCR42RK..... Reader, Lipstick Red frame with Kontraster lenses (give power choice) | 19.88 |
| PCR42DK..... Reader Demi-Amber frame with Kontraster lenses (give power choice) | 19.88 |

NEW!



E315 Zippered Hard Carrying case

for the PCR42 frame and other wraparound frames, this one is a tad larger than the DVCC case. (145mm wide and 65mm tall and 60mm deep) Color is black.
E315.....Zippered wraparound case5.90



Metal snap-hinged hard case

This clam-shell style case is made of steel, with a smooth black leatherette cover. For medium sized frames up to 5 5/8" wide (144mm). Case is 5 7/8" wide, 2 1/8" tall, by 1 1/4" deep, on inside.

EMX.....Medium Metal hard case 4.90

Large case for frames to 6 3/8" wide, 2 1/4" tall and 1 1/4" thick.

79CL...Large Metal hard case 5.99

Case for wraparound sunglasses

Protective hard plastic **carrying case** designed for wraparound sunglasses. Will take wraparound frames to 145mm wide and 55mm deep, height is adjustable from 50 to 70 mm with several latch positions.



DVCC.....Black clam-shell plastic carrying case....4.99

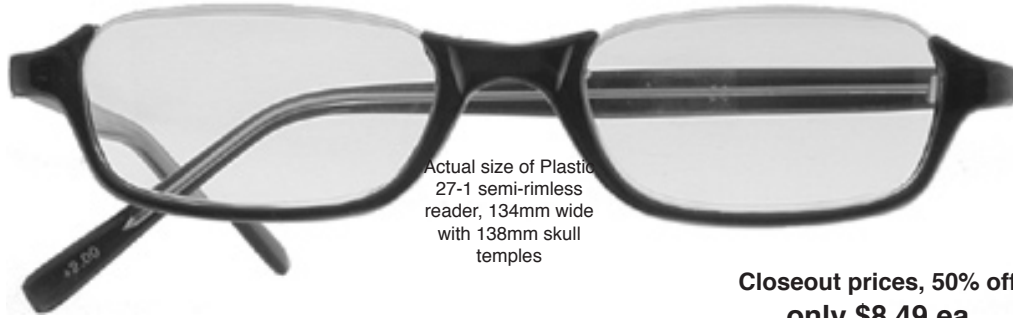


Fold-over case with belt-loop with rigid plastic cage to protect glasses from crushing. Made to be carried on your belt, has a sturdy belt loop with a separate snap made to slip under your belt. The second snap opens and closes the case. **Black** leatherette covered. Takes frames up to 5 7/8" (150mm) wide. Made in the USA.

4-4..... Fold-over belt case.....4.90

To order toll-free call
1-800-786-2021
from 9 AM to 1 PM central time,
Mon. thru Thursday

Semi-rimless ready-to-wear readers . . .



Actual size of Plastic
27-1 semi-rimless
reader, 134mm wide
with 138mm skull
temples

Plastic frame offers an unobstructed view by not having a frame part across the top of the lenses, a nylon line holds the lenses in place. They have the thinner aspheric plastic lenses. They're available in 1.25, 1.50, 1.75, 2.00, 2.50 or 3.00 powers.

Frame is 134mm wide with 138mm long skull temples, fits

medium faces best.

Choice of black or tortoise color frame.

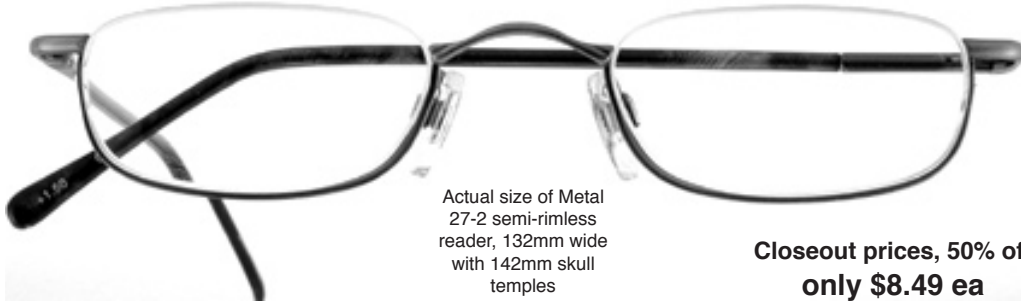
27-1-B...Black plastic frame (give power)..... ~~16.99~~

27-1-T...Tortoise plastic frame (give power) ~~16.99~~

Clam-shell hard carrying case for these:

EMY-F...Black color 3.99

**Closeout prices, 50% off
only \$8.49 ea**



Actual size of Metal
27-2 semi-rimless
reader, 132mm wide
with 142mm skull
temples

Metal frame offers an unobstructed view by not having a frame part across the top of the lenses, a nylon line holds the lenses in place. They have the thinner aspheric plastic lenses. They're available in 1.25, 1.75, 2.00, 2.50 or 3.00 powers. Frame is 132mm wide with 142mm long skull temples, fits medium faces best.

Copper or gunmetal color frame.

27-2-C...Copper color frame (give power choice) ... ~~16.99~~

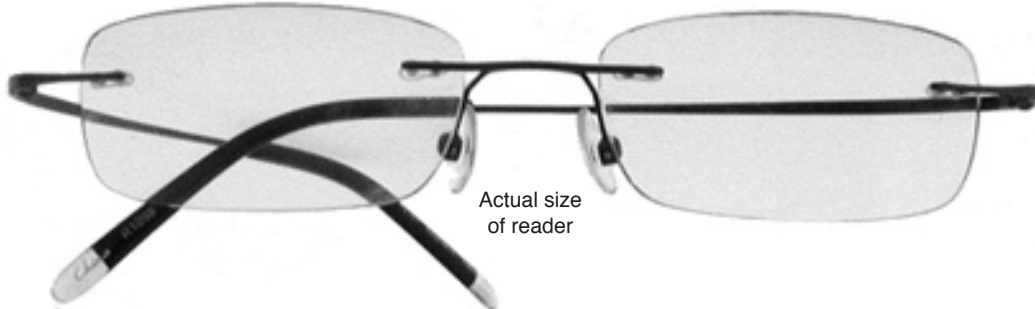
27-2-GU...Gunmetal color frame (give power choice) ... ~~16.99~~

Clam-shell hard carrying case for these:

EMY-F...Black color 3.99

**Closeout prices, 50% off
only \$8.49 ea**

Stainless Steel "Rimless" readers with spring-temple



Actual size
of reader

Here is an Ophthalmic quality frame and is one of the best looking readers I've seen. Modern rimless design has one of the latest "screwless" lens mounting systems, has 8 holes with metal posts stuck through them, held in place by snap-on plastic caps. This spreads the strain across 8 connection points instead of 4 like most rimless frames. The lenses are of the Aspheric design, and have polished edges. Small soft replaceable nose pads are held in with screws. Frame is made of Stainless Steel, is 137mm wide and fits medium faces best, with 140mm stainless steel

temples that have a special temper to make them "springy" instead of stiff, also helps relieve the strain on the lenses. Lens size is 50mm wide by 26mm tall. A very lightweight good looking frame. Powers available; 1.25, 1.50, 2.00, 2.50 or 3.00. Carrying case included.

SD-1098...Give Power choice 18.88

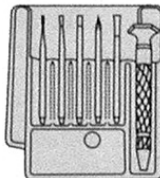
Clam-shell hard carrying case for these:

EMY-F...Black color 3.99

Jewelers Screwdriver Set

IF YOU WEAR GLASSES, you probably need this. Screwdriver handle with 5 interchangeable blades; 3 different sized straight slot screwdriver blades, 1 crosspoint pint and one awl. In vinyl carrying case. Made in USA.

GEB....Screwdriver set 4.99



Pocket Triplet

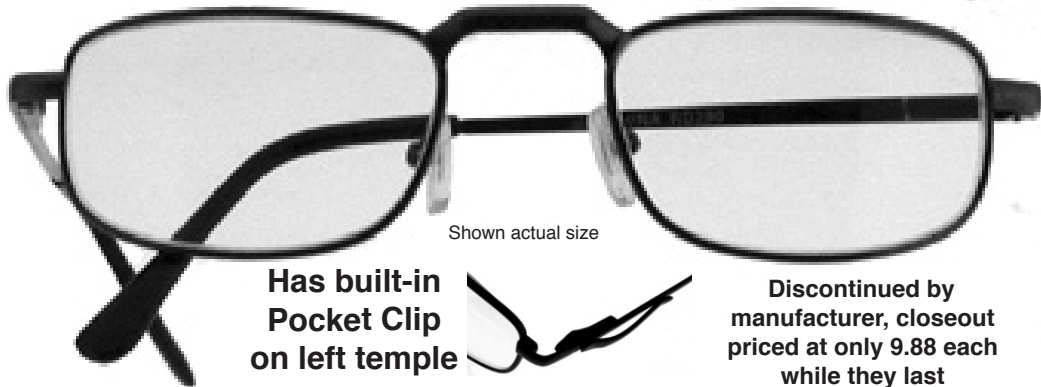
10x Magnifier

Glass lenses give 10x magnification, and are 18mm in diameter, focus

distance 1/2". Silver and black case. Size is 1 1/8" closed. **SAF....10X Triplet**..... 12.88



Complete ready-to-wear readers with lenses



Shown actual size

**Has built-in
Pocket Clip
on left temple**

**Discontinued by
manufacturer, closeout
priced at only 9.88 each
while they last**

RD290 ready-to-wear reading glass, spring-hinges and built-in pocket clip

One of the easiest ways to destroy reading glasses is to have them fall out of your pocket. This frame has a pocket clip welded to the left temple, can clip it to your pocket for a little insurance against "fallout". Metal frame has spring-hinges, 145mm skull temples, and is 137mm wide (fits medium/large faces best) with 145mm temples. Aspheric

plastic lenses are thinner and produce less distortion. Choice of power: +1.50, +1.75, +2.00, +2.25, +2.50, +3.00, or +3.50, +4.00.

RD290...Reader (give power and color*) 9.88 ~~17.88~~
Even though there are 3 colors available, we must buy these in assorted colors, so we don't always have all the colors in stock. They come in **gold** or **chrome** colors. Give 1st and 2nd color choice. We are getting low on these.



Readers slip in the case

Actual size
of reader

**Closeout prices,
only \$8.88 ea**

Reader in a Pen with Aspheric lenses and spring loaded temples

Inside this 5 1/2 inch long case is a reader with spring-loaded temples, aspheric lenses and soft silicone nose pads on adjustable arms. This lightweight easy to carry reader is ideal for helping you read menus, read the small print on labels, or just to read, lots of uses. Frame is 124mm wide

(the temples can open much wider to accommodate wide faces), only 20mm tall and weighs less than one ounce. Offered in 3 color choices. Available in choice of +1.25, 1.50, 1.75, 2.00, 2.50 or 3.00 powers.

2-13...Black case, gunmetal frame (give power) 14.88
2-14...Red case, red frame (give power) 14.88
2-15...Blue case, blue frame (give power) 14.88

Temple locks, for people who want eyeglass security, but don't like cable temples. . .

Removable Temple Locks

If you don't like cable temples, here is another way to keep your glasses from falling off. . .

These Temple locks simply slip over the ends of your normal skull temples to "lock" your glasses in place. They are made of soft silicone, so you can put them on and take them off as many times as you want. You can carry them in your pocket when not in use. Available in clear or black colors. Fits up to 1/4" plastic temple tips.

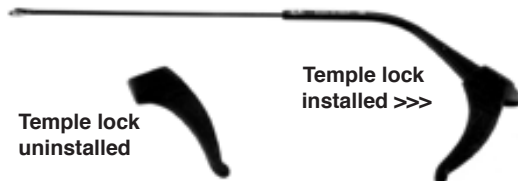
6-1...Clear locks, one pair5.88

6-2...Black locks, one pair.....5.88

Buy more than one pair at a time and the price drops to 4.49 per pair, buy 4 pair or more at one time and your cost goes to 3.69 per pair. If you are ordering only temple locks and nose pads shipping is only 2.90

Takes only a half a minute to install them on your skull temples. They will fit most skull temples with tips that are about 1/4" thick.

Available in clear or black colors.



Temple lock
uninstalled

Temple lock
installed >>>

To order call our toll-free number

1-800-786-2021

9 AM and 1 PM central time

Monday thru **Thursday**



Replacement or New Non-prescription lenses

Non-prescription Replacement Lenses for your old frame. . .

If you need replacement lenses for a frame you already have, use this column for prices. To make these lenses, we must have the frame. If you want any of these lenses installed in a new frame that you are buying from us, use the list to the right labeled "Lenses for new frames". If you didn't order the frame from us, and it is not listed in this catalog, you must include a **Pattern Charge so we can cut the lenses. We must have your frame to make these lenses.

The percentages listed with each lens is for the VLT (visible light transmission). 5% to 12% is very dark, 16% to 20% is normal sunglass density, 30% to 50% is medium density, 60% or more is light density.

Prices are per pair.

GLASS lenses:

| | |
|--|-------|
| HL-AB...Clear (96%)..... | 39.00 |
| HL-A....Dark Grey (16%) | 39.00 |
| HL-D....Kontraster® (17%) | 39.00 |
| HL-AH...G-15 GreyGreen (16%) | 39.00 |
| HL-L.....Changeable Grey (30-85%)..... | 45.00 |
| HL-AG...Grey Polarized (12%) | 79.00 |
| HL-AF...Kontraster® Polarized (12%)..... | 79.00 |

PLASTIC lenses:

| | |
|--|-------|
| HL-AC...Clear plastic (88%) | 34.00 |
| HL-B....Dark Grey plastic (16%) | 39.00 |
| HL-X....Dark Grey Top-gradient * | 44.00 |
| HL-BE...Medium Grey plastic (30%) | 39.00 |
| HL-BF...Light Grey plastic (65%) | 39.00 |
| HL-E....Kontraster™ plastic (16%) | 39.00 |
| HL-Z....Kontraster™ Top-Gradient * | 44.00 |
| HL-BG...Medium Kontraster™ plastic (30%) | 39.00 |
| HL-BH...Light Kontraster™ plastic, (65%) | 39.00 |
| HL-BC...G-15 GreyGreen (16%) | 39.00 |
| HL-BD...Top-Gradient G-15 Grey Green* | 44.00 |
| HL-BJ...Medium G-15 plastic (30%) | 39.00 |
| HL-BP...Light G-15 plastic (65%) | 39.00 |
| HL-KN...Yellow (75%) | 39.00 |
| HL-AE...Natural Green (16%) | 39.00 |
| HL-J.... Softlight plastic (80%) | 39.00 |
| HL-C.....Dark Grey Polarized (12%) | 59.00 |
| HL-F.....Kontraster® Polarized (12%) | 59.00 |

If you didn't order the frame from us, or it is not listed in this catalog, you must include a **Pattern Charge so we can cut the lenses.
PCN...Pattern Charge, non-rx lenses 9.00

Plastic CR-39 lenses can be tinted almost any color or density.

The light transmission is divided up into Dark (16%), Medium (30%) or Light (65%). We can alter those densities to suit your needs. For example, we often tinted lenses much darker than the "Dark", we can get them down to 2% (almost opaque) for people with extra sensitive eyes, or for extreme glare. Or, if you are aging and need a "Dark" tint that is a little lighter than 16%, we often tint them between "Medium" and "Dark" at 22%. You get the idea, we can tint them from 2% extremely dark to almost clear at 75%.

If you prefer Polycarbonate lenses they are available at the same price as CR-39. Call for availability, they are not available in some colors, also, even though they are more impact-resistant than other lenses, they

Non-prescription Lenses for New Frames you are ordering now. . .

If you want us to custom-make complete non-prescription glasses for you, select the frame you want, then add the cost of the lenses as listed below. If you need a carrying case, see page 39.

These prices are good only at the time you buy the frame from us, if you want lenses for a frame you already own, see the "Non-prescription Replacement Lenses" price list in the left column.

The percentages listed with each lens is for the VLT (visible light transmission). 5% to 12% is very dark, 16% to 20% is normal sunglass density, 30% to 50% is medium density, 60% or more is light density.

Prices are per pair.

GLASS lenses:

| | |
|--|-------|
| HL-ABN...Clear (96%) | 35.00 |
| HL-AN....Dark Grey (16%)..... | 35.00 |
| HL-DN....Kontraster® (17%)..... | 35.00 |
| HL-AHN...G-15 GreyGreen (16%)..... | 35.00 |
| HL-LN....Changeable Grey (30-85%) | 39.00 |
| HL-AGN...Grey Polarized (12%)..... | 75.00 |
| HL-AFN....Kontraster® Polarized (12%)..... | 75.00 |

PLASTIC lenses:

| | |
|--|-------|
| HL-ACN...Clear plastic (88%)..... | 29.00 |
| HL-BN....Dark Grey plastic (16%) | 34.00 |
| HL-XN...Dark Grey Top-gradient * | 39.00 |
| HL-BQ...Medium Grey plastic (30%) | 39.00 |
| HL-BR...Light Grey plastic (65%) | 39.00 |
| HL-EN....Kontraster® (16%) | 34.00 |
| HL-ZN....Kontraster® Top-Gradient * | 39.00 |
| HL-BS...Medium Kontraster™ plastic (30%) | 34.00 |
| HL-BT...Light Kontraster™ plastic, (65%) | 34.00 |
| HL-BK...G-15 GreyGreen (16%)..... | 34.00 |
| HL-BL...Top-Gradient G-15 Grey Green* | 39.00 |
| HL-BU...Medium G-15 plastic (30%) | 34.00 |
| HL-BV...Light G-15 plastic (65%)..... | 34.00 |
| HL-K...Yellow (75%) | 34.00 |
| HL-AEN...Natural Green (16%) | 34.00 |
| HL-JN....Softlight plastic (80%)..... | 34.00 |
| HL-CN....Dark Grey Polarized (12%)..... | 54.00 |
| HL-FN....Kontraster® Polarized (12%) | 54.00 |

will scratch quite easily, and cannot be tinted in "Dark" densities, we can go down to medium tints of about 35% only.

Other services available for non-prescription lenses:

On pages 58 and 59 you will find all of the other services for these lenses available, such as Mirror coatings, Anti-Reflection coatings, etc. The charges for these services are the same as prescription lenses, you can use those part numbers and prices.

Don't forget to add extra charges for Rimless or Semi-rimless frames, or frames that need the lenses notched. Call or email us if you have any questions.

**Toll-free order line 800-786-2021
for phone orders from
9 AM to 1 PM central time,
Mon. thru Thursday
email: hidalgo@suddenlinkmail.com**

Replacement Nose pads and strap-bridges

How to determine which nose-pads or strap bridge fit your frame

There are only **3 kinds** of mounting systems, the "snap-in", the "screw-in" and the "clamp-on". If you take a good look at the bridge area of your frame, it's easy to identify which type you have.

If you are handy with tools, you can change these yourself at home.

The "**snap-in**" type simply snaps into a box like receptacle attached to the nose pad arm, it is found on frames such as the Randolph and some Serengeti sunglasses.

The "**screw-in**" type has a small screw that goes through a hole in the nose pad, this is the most common type, it is found on most frames:

The "**clamp-on**" type has 2 prongs that must be bent over the nose pad arm, usually found on Ray-Ban metals such as the Aviator, Outdoorsman, Shooter, etc.

We will include screws for the "screw-in" type nose pads. If the nose pads on your frame bother you, it could be that they are too small. Larger nose pads spread the weight of the frame over a larger area, will be more comfortable.

If you are ordering **only** nose pads, strap bridges, nose-pad covers, or cable covers, the minimum shipping charge is \$2.90 instead of the \$5.90 listed on the order blank.



9MM round 15mm 17mm 19mm

Replacement nose pads

If your nose-pads are deteriorating and about to fall off, it's time for some new ones. We have nose pads to fit just about any frame made. They come in **4 sizes** and **3 mounting types** ("snap-in", "screw-in", and "clip-on"). **Tell us what frame you have**, we'll try to determine the type of nose pad you require.

The **Soft Silicone** nose pads are that they are comfortable and "sticky", that is, they tend to hold you frame in place better. The downside is that they will not last forever, you can expect to change them in from 12 months to 4 years (depending on your bodies chemistry).

The **Flexible Vinyl** nose pads are harder, but will last much longer.

Please give mounting type; snap-in, screw-on or crimp-on (only 15, 17 and 19mm vinyl crimp-on's available for Ray-Ban metals).

If you don't know what you frame uses, ask us.

Replacement Soft Silicone nose pads:

- EH...9mm Silicone small round pads.....5.80 pr
- EJ...15mm Silicone small tear-drop pads5.80 pr
- EK...17mm Silicone medium tear-drop pads.....5.80 pr
- EL...19mm Silicone large tear-drop pads.....5.80 pr
- EN...15mm Vinyl small tear-drop pads5.80 pr
- EP...17mm Vinyl medium tear-drop pads5.80 pr
- ER...19mm Vinyl large tear-drop pads5.80 pr

Note: The crimp-on nose pads like Ray-Ban uses are made of vinyl only.

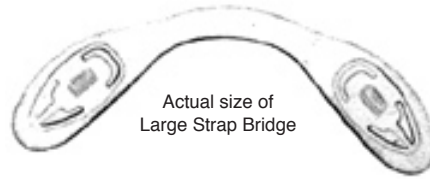
Shipping charges: If you are ordering only nose pads or strap bridges, the shipping/handling charge will be only \$2.90 per order by first-class mail.



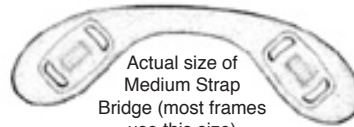
Eyeglass Screwdriver could save your lenses

If you wear metal frames that have screws to hold the lenses in place, sooner or later they will loosen and your lens will fall out. You should check the lenses every week or so to make sure they are not loose. This is a straight slot #3 Jewelers screwdriver. Made in the USA.

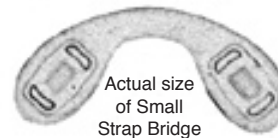
- GEA.....Jeweler's Screwdriver 2.99



Actual size of Large Strap Bridge



Actual size of Medium Strap Bridge (most frames use this size)



Actual size of Small Strap Bridge

Strap-bridges

The strap-bridge is the most comfortable frame support system available. Most of the metal frames in this catalog can have the nose-pads replaced with these strap-bridges.

There are 3 sizes available, and 3 types in each size. Just tell us the "type" you need—"screw-in", or "snap-in", and the size you want. If you're not sure of what type it takes, read the article called "How to determine which nose pads fit your frame", or ask us in the left hand column. **Give type;**

screw-on or snap-in. Silicone strap-bridges:

EA...for small frames (48mm and smaller)7.90

EB...for medium frames (50 to 59mm)7.90

EC...for large frames (over 60mm)7.90

Clip-on strap bridges for **Ray-Ban** metal frames, fits most **Ray-Ban** Aviators, Outdoorsman, Shooters, etc.

ES...for Ray-Ban metal frames, medium size.....8.90

Shipping charges: If you are ordering only nose pads or strap bridges, the shipping/handling charge will be only \$2.90 per order by first-class mail.

25% Quantity discounts on nose pads and strap-bridges. . .

If you buy more than one pair of nose pads or strap-bridges at the same time you get the following discounts:

Nose pads, 2 or more pair the price drops to **4.35 pr.**

Strap-Bridges, 2 or more the price drops to **5.92 ea.**

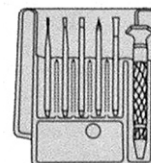
You can also mix nose pads to qualify for the discount as well, if you buy one pair of nose pads and one strap bridge you still get the 25% discount.

If you are only ordering nose pads and strap-bridges (any quantity) the total shipping charge will be 2.90 for first class mail delivery.

Eyeglass/Jewelers Screwdriver set

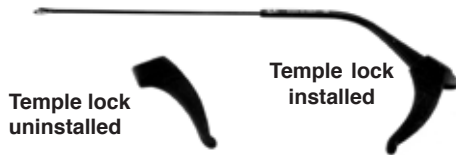
Screwdriver handle with 5 interchangeable blades; 3 different sized straight slot screwdriver blades, 1 crosspoint blade and one awl. In vinyl carrying case. Made in USA.

- GEB....Screwdriver set4.99



Temple locks, for people who want eyeglass security, but don't like cable temples. . .

Takes only a half a minute to install them on your skull temples. They will fit most skull temples with tips that are about 1/4" thick.



Available in clear, or black colors.



Removable Temple Locks

If you don't like cable temples, here is another way to keep your glasses from falling off. . .

These Temple locks simply slip over the ends of your normal **skull** temples to "lock" your glasses in place. They are made of soft silicone, so you can put them on and take them off as many times as you want. You can carry them in your pocket when not in use. Available in clear or black colors.

6-1....Clear locks, one pair.....5.88

6-2....Black locks, one pair.....5.88

Buy more than one pair at a time and the price drops to 4.49 per pair, buy 4 pair or more at one time and your cost goes to 3.69 per pair. If you are ordering only temple locks and nose pads shipping is only 2.90.

We accept all major credit cards



The "Ultimate" Lens cleaning micro-cloth

Over 800 million users in 90 countries. The Ultimate lens cleaning cloth is a blend of super-fine fibers with micro-thin sides (composed of 50/50 polyester-nylon) and finished by special high density processing into an amazing cleaning cloth that virtually lifts dust and grime off the lenses. It will remove dust, fingerprints, and greasy spots **without water** or other cleansing liquid (although lens cleaner helps). Cleans glass or plastic and anti-reflective coated lenses. The cloth has a very high absorbency, and because of the micro-fibre material it absorbs water and oil by **capillary action**. If you do encounter a really tough stain on your lenses, a little lens cleaner or mild soapy water may be used along with this cloth to remove it. The cloth **does not** contain chemicals, so it can be washed and used over and over without losing its effectiveness, just wash it along with your other clothes (bleach is not recommended, and you should not exceed a 120 degree **centigrade** drying cycle). Cloth is 6"x7".

RC.....The "Ultimate" cleaning cloth.....99 ea.

*buy 2 or more and the price drops to .69 each



Sunglass Selection Guide

Why do I need sunglasses?

To protect your eyes from dangerous ultraviolet rays, to reduce glare to a comfortable level, and to improve night vision.

What is ultraviolet light?

Ultraviolet light (UV) is the invisible rays from sunlight that can harm your eyes. Cataract formation has been linked to UV light. UV light is what causes a lot of things to deteriorate, like tires, paint, etc.

What is infrared light?

It's the invisible rays from the sun that are made up mostly of heat waves. Infrared (IR) light has no known harmful affect on humans other than causing discomfort to your eyes, causes contact lenses to "dry out" faster.

How can sunglasses help night vision?

If you subject your eyes to intense glare during the day, they will tend to "defend" themselves by trying to adapt to the bright light. This natural built-in defense will persist for **several hours after the glare is gone**, resulting in much reduced night-vision. Studies have shown that night vision can be reduced by as much as 50% by this exposure. Wearing good sunglasses during the day will improve night vision considerably. The armed forces have known for decades that troops that are going to go on night operation are kept in very low light conditions during the day, or they wear dark glasses in the sunlight to help increase their night vision.

What is the definition of a good sunglass?

It reduces visible glare to a comfortable level, and eliminates most of the ultraviolet and infrared light, produces no distortion, transmits colors with little or no alteration, fits comfortably and is durable.

How do I choose the proper sunglass lens?

First, determine what you are going to use it for **most of the time**. If driving is your biggest use, then choose one for driving. Don't make the mistake of choosing a sunglass for something that you only occasionally do, like snow skiing or fishing. There are special lenses for all activities, if you can afford more than one sunglass, then choose the best ones for each specific activity. Remember, no one lens can do it all, you may need more than one. We have a chart on page 61 that may help you choose.

How to select sunglass lenses

To provide full, day-long comfort, sunglasses should eliminate all of the problems that glare can present. Lenses of 15% to 30% visible light transmission seem to reduce glare sufficiently. The visible light transmission (VLT) is the amount of light the lens allows to pass through. A 15% transmission is dark, a 30% lens is lighter. Most high quality sunglasses with glass lenses will usually have VLT levels of 15% to 19%.

Selecting the darkness of the lens is easy

General purpose lenses that have LT levels of 15% to 19% work best. If you are going to spend a lot of time fishing or boating, you might get a darker lens, say around 12%. If you have extra sensitive eyes, you could go down to 8%, or even less, but we normally don't recommend lenses darker than 8% unless you have a medical problem. Some people with blue eyes may have a higher sensitivity and require the darker tints.

As you age, your eyes gradually lose their "light gathering ability", especially after the age of 50 or so, therefore you don't need sunglasses near as dark, you can move up to the lighter lenses that have a VLT of 25% or even lighter.

Selecting a lens with the correct VLT is the first step, next and also as important is selecting lenses that block ultraviolet (UV) light. Since UV light is one cause of cataracts, the lenses should block most of the UV. The UV light transmittance should be less than 10%. Most lenses now days block most of the UV. The other rays to consider is IR (infrared). IR is mostly heat waves, it is important to block IR if you wear contact lenses, or spend a lot of time in direct sunlight. Heat waves cause the eyes to "dry out", thereby adding to discomfort. Some people with certain

diseases, such as Lyme disease, must have lenses that block most of the IR, about the only lenses available that block IR are glass lenses.

Don't get lenses that are too dark. You can become addicted to dark lenses, and they can be dangerous when driving if you go from a sunshine area to a tunnel or heavily shaded area, you will be blinded temporarily if the lenses are too dark.

Don't judge the density or darkness of the lenses for the first minute or two when you walk from inside a building to outside. The difference in light intensity is like 1000 to 1, and no lens will compensate for that much difference, your eyes will adapt after a minute or two.

Traffic light and color recognition is also important. Some cheap plastic lenses can severely distort colors. If you stick to neutral grey, G-15, natural green or Kontraster™ lenses, you won't have a problem with color distortion. If you have an occupation that requires precise color identification, use the Dark Grey **glass** lenses, they are the most neutral filter.

Read through our guide for specific recommendations on lenses for various uses.

How to choose a frame

Choosing a frame (for other than just looks) involves answering a couple of questions. First, are you "hard" on glasses? If you are, you might think about choosing **nylon frames**, they are the most durable and will take a lot of abuse. If you take good care of glasses, you can choose any frame material you want. The least durable frames are the so-called "rimless" frames, since the frame is the lenses themselves-they are very flimsy. Another question; have you had problems in the past with **metal frames turning green on you?** **Titanium** or **Stainless Steel** frames are best if you have a skin condition that eats up normal monel or nickel alloy frames. Both Titanium and Stainless steel are usually much lighter than frames made from other metals. Plastic frames are still preferred by a lot of people, their only problem is that they are much harder to adjust to fit your face.

Frame fit is most important. If the frame can't be adjusted to fit your face, they will be annoying to wear. Choose metal frames with nose pads that have adjustable arms, that way you can bend them to fit your nose. All the ophthalmic type frames that we sell can be adjusted.

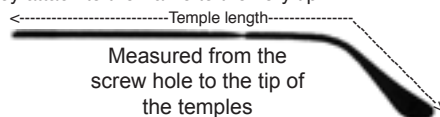
The human head is distorted. Most people have one ear lower than the other, the ears are rarely the same distance from the nose, the eyes are not exactly on the same plane, the nose is not quite centered between the eyes, this results in frames that sits crooked on your face. You can bend the temples up or down to correct this condition (nylon frames can't be bent to make this adjustment). If temples on metal frames are too long, you can bend them down to make them shorter to fit better, this adjustment will also keep the frames from sliding down your nose.

Frame size is important to people who have prescription lenses. **The smaller the frame size, the thinner and lighter the lenses will be.** If you choose glass lenses, smaller frames will produce lighter lenses and add comfort.

Rimless frames have gotten popular lately, they look really good, but you must consider the weakness of these glasses. In a rimless frame, **the lenses are the frame,** and lenses are not real strong, so if you are not careful, you can expect frame problems with rimless frames.

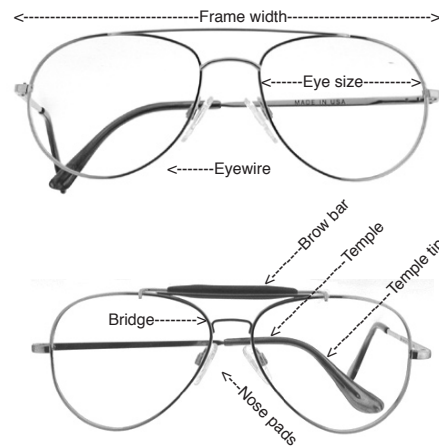
Frame nomenclature

Skull Temples are usually measured from the point where they attach to the frame to the very tip.



There are 2 main parts to frames, the frame front (part that the lenses go in) and the temples. See photo for complete description.

Frame sizing: We measure frames in 2 ways, the old traditional way by measuring the width of one lens (called the lens size), and another way by measuring the overall width of the entire frame.



Which sunglass lens is best

There are many lenses available for both general and specific uses. We are in the business of selling top quality, effective sunglasses. If you shop at local stores, if the merchandise is not marked with the visible light transmission (VLT) and filter characteristics of the lenses (amount of UV and IR filtered), **you have no way of knowing what you are buying.** We publish as much information as we can about all of our lenses and frames. **Price is no longer an indication of quality,** and has not been for quite a few years. With all of the hype and marketing of so called "Brand" names, the consumer has almost no resource to check the quality of what they are buying. There are so many designer "name brands" nowadays, some named after dead people, animals, fictitious designers, children, things, cars, etc. that the consumer is left trying to decide on "brand", **when he should be taking a hard look at the merchandise itself** to see if there is any value there. The suggestions here are based on our 47 years experience in this business.

Glass or Plastic lenses?

The first decision to make is the **lens material.** We'll give you all the pros and cons of all the lens materials.

GLASS lenses

Glass lenses are optically superior and have several advantages over plastic lenses, the most important ones being higher scratch resistance, clearer vision and better filtration offered by the glass sunglass lenses.

Glass is much **clearer than plastic** (clear glass lenses have a visible light transmission of about 95%, the VLT of plastic is about 86% at best). The **better filtration** comes from the fact that colored glass **stops both infrared and ultraviolet light,** and is more consistent in density and color.

Objects always appear much sharper looking through glass sun lenses than plastic sunlenses. Glass lenses generally outlast several pair of plastic lenses because of superior scratch resistance.

Glass lenses are also more chemical resistant than plastic, **will not scratch as easy from improper cleaning.**

The downside to glass lenses is that they are heavier than plastic, and even though they are heat treated and very impact-resistant, they are not as impact resistant as Polycarbonate or Trivex plastic lenses.

Another problem with colored glass lenses is that **for prescription use** the uneven thickness of the prescription will cause the lenses to be thinner or thicker in areas, thus causing lighter and darker areas across the lenses. If your prescription is over 2.50 (under the sphere column) you might consider going to plastic.

The illustrations below is a minus (-) 3.00 (sphere) **plastic** lens at the top that has been tinted, notice the density is even across the lens.

This is a plastic tinted lens with a -3.00 >> (sphere), notice that the density is even across the entire lens.



The illustrations at the top of the next column shows a minus (-) 3.00 (sphere) **glass** sunlens, you can see that the edges are darker than the center

This is a colored glass lens with a prescription of -3.00 (sphere), note the center is a lot lighter than the edges.



Glass lenses are available in regular crown glass, and high-index glass. Most of the glass lenses we offer are only available in crown glass, if your prescription is thick, and you want glass lenses, there is another material out there that produces thinner glass lenses. We'll just call it 'thin-glass' without going through technical descriptions. If you don't see it listed under "Thin Glass" lenses on the prescription glass page, call for availability.

Color coated glass lenses

Colored Glass is not always available in many lens designs, and if your prescription is on the thick side, colored glass lenses will have an uneven finish. If you like the clarity and scratch resistance of glass, here is another color option.

You can have any clear glass lens color coated. The color is applied to the **back side of the lens** where it is protected from scratching. They look just like their solid colored glass cousins, except the density of the lens is nice and even across the entire lens, regardless of how thick the lenses are. Color coating can be added to any clear glass lenses.

Plastic lenses

The **big advantage plastic lenses** offer is light weight, they weigh about 45% less than glass (a non-prescription plastic lens blank weighs about .5 ounces, while the glass would weigh .9 ounces).

In prescriptions, some plastic lenses (the polycarbonate) are thinner than glass. The impact-resistance of the Polycarbonate and Trivex plastic is much higher than all other plastic materials and glass.

Plastic lenses (CR-39) **can be tinted to any density from clear to opaque, and anything in between**, so they offer a wider selection of "darkness" as well as the availability of Top-gradient and Double gradient density tints. They produce a nice even tint across the entire lens, they don't have light and dark areas like some colored glass.

Plastic lenses shrink with age, this is not a problem on most ophthalmic frames, but if the frame is very thin (such as Ray-Ban metals) the lenses can shrink enough to fall out of the frame, very annoying and not acceptable in this day.

Red lenses; tinted plastic lenses produce a phenomenon we call "red lenses". When you hold your tinted lenses up to outside light, they appear whatever color they're tinted, if you hold them up to an incandescent lamp, they will appear red. Or, if you look at yourself in a mirror under incandescent light, the lenses will also appear red. Without going through a lengthy explanation, suffice to say that you are looking at a filter, through a filter. This is normal for plastic lenses.

Lower visual acuity; because glass lenses start out with a higher light transmission (about 95%), they are clearer than plastic lenses that generally have a light transmission of around 86%.

The 4 kinds of plastic lenses

CR-39 plastic is the most popular lens material used for prescription lenses. It's light, easy to work with, can be tinted to any density, and is more scratch resistant than polycarbonate plastic.

Polycarbonate plastic is the material used on almost all cheap plastic sunglasses, and on some expensive one also, it has the highest impact-resistance and is used for some safety lenses. **It is soft so it scratches easy, and it can only be tinted to a medium density (about 35% VLT).** This material is used in rimless frames. One advantage of Polycarbonate plastic is that it is lighter and a little thinner than CR-39 for the same prescription.

Trivex plastic is the hardest of all the plastic lens, works better for safety lenses or rimless frames because it is much harder than and more scratch-resistant than Polycarbonate lenses. A little more expensive.

Thin Plastic (high index) is high-density plastic that has a higher refractive index than regular CR-39. This means that lenses will be thinner using this material. If your prescription is over + or - 5.00 (under the sphere column), and you are using a large diameter frame, like a 60mm eye size, using this material will make the lenses much thinner and lighter. If you use smaller frames like eye size 48mm or so,

you won't notice them being much thinner until you reach prescriptions of + or - 6.00 or more (under the sphere column).

Which color lens is best for specific uses

If you don't have time to read this guide, see our Sunglass Lens Selection Chart on page 61.

For **GENERAL PURPOSE** the glass Dark Grey, G-15 and the Kontraster™ are all good. The Dark Grey and the G-15 (LT=16%) and the Kontraster (LT=17%) are all dark. They all work well for general purpose use. **If you need to eliminate reflected glare** (such as glare coming off the water, the highway, trees, etc.) the polarized lenses work better.

For **DRIVING**, all of the general purpose lenses work well. Polarized lenses **eliminate some of the reflected glare** off the highway, trees, water, the hood and windshield that normal sunglass lenses only reduce. However, the non-polarized Dark Grey, G-15, Kontraster™ and Copper Driver lenses do what a sunglass is supposed to do, they dim the light and protect you from UV rays.

For **FLYING** the choice of our customers is the glass Kontraster™ (LT=17%). It not only reduces glare, and blocks UV light, but increases contrast. By filtering out more blue light it makes things look more vivid. Pilots like it because it **reduces the effect of haze and smoke in the atmosphere** to make it easier to spot other airplanes and to see ground check points easier. A second choice would be the Dark Grey or G-15 (LT=16%), they do what a sunglass is supposed to do, they dim the light and protect you from UV rays.

A note to pilots about polarized lenses. They should not be worn while flying. In fact, you can't even see through the windshield on most jets while wearing them because the windshields are laminated and cause severe distortion. On the lighter airplanes you could wear them, but because the axis of the sunglasses are oriented at 90 degrees, as you bank the aircraft it causes the "world to change". Also, since they reduce the effects of reflected glare, it makes seeing other air traffic more difficult. Also, polarized lenses make LCD displays (such as used on GPS units, radios, etc.), turn black.

For **BOATING and FISHING** the darker polarized lenses work best. The Dark Grey polarized (VLT=12%) or the Kontraster™ polarized (VLT=15%). The Kontraster™ polarized will make the bottom features underwater stand out better so you can see fish, rocks or grass easier. Also, remember, the Kontraster™ reduces the effect of haze, so you can spot buoys and landmarks easier. The downside to polarized lenses on boats is it makes it very difficult to read instruments that have LCD displays, the manufacturers put polarizers on the faces of these instrument that are aligned 90 degrees from the polarizer sunglass lenses, so you'll have to tilt your head to read the LCD instruments or use cell phones.

For **SKIING** the Dark Grey or G-15 (VLT=16%), Kontraster™ (VLT=17%) and Rose Smoke lenses are the top choices. Don't use polarized lenses, by eliminating reflected glare they will also mask ice patches on the slopes. On dull overcast days many skiers wear yellow lenses to increase contrast. At high altitudes the amount of UV light increases dramatically, whatever lens you choose, make sure it gets rid of most of the UV light. If safety is important to you, use polycarbonate plastic or Trivex lenses, although they scratch easier, they are the most impact resistant. The CR-39 plastic lenses can be tinted to any density from clear to opaque, so if you want extra dark lenses we can reduce the VLT to anything you want.

HUNTING and SHOOTING require protection first, which means that the lens size should cover your eyes well, and secondly, they should sharpen your vision as much as they can. If you are shooting or hunting under low light conditions, the yellow or amber lenses work best. They increase contrast to sharpen things up. If you are hunting in bright conditions, lenses like the Kontraster™ will work best. If you wear prescription glasses we can tint CR-39 lenses to any density you want to cover any light condition. A lot of folks use the Changeable Grey glass lenses or plastic Transitions lenses because they will automatically darken

and lighten as light conditions change. Probably one of the most popular hunting lens of all times is the Autumn Gold (AmberMatic), they go from light yellow under poor light, to dark brown under bright conditions, and if it is cold and bright they will turn grey. The down side to Autumn Gold lenses is that they have become very expensive. Some people also like the Serengeti Driver lenses or Copper Driver.

For **GOLF and TENNIS** keeping track of the ball can best be accomplished with the Kontraster™ (LT=17%). Since it filters more blue light, it makes the balls stand out from both the blue sky and green background. Some people prefer the lighter tints because it makes it easier to see golf ball as they drift off into shaded areas. Lately there has been some interest in **special** colored lenses for both of these sports, we have tested most of these and see little or no advantage over the Kontraster™.

For **BACKPACKING and CYCLING** any of the general purpose lenses will work fine, except for cycling, if you wear a full face shield do not use polarized lenses, as the face shield stress marks will show up and interfere with your vision. Some cyclist like the Changeable Grey lenses that self adjust to changing light conditions so they can use only one pair of glasses all day. The changeable lenses work well for backpackers as well, except if you are going to be at very high altitudes where the changeable lenses do not filter UV light as well as the general purpose glass lenses.

If you wear **CONTACT LENSES** we've found that lenses that stop both UV and IR (infrared) light are the most comfortable. The IR light causes your contacts to "heat up" and dry out faster. Any of the general purpose lenses made of **glass** will work.

COMPUTER CRT screens and **FLOURESCENT** lights can cause a low glare condition that is bothersome. One of the most effective ways of cutting this **glare from your prescription lenses** is to apply an anti-reflection coating (AR coating) to your lenses. This will eliminate the glare on **your lenses**. If the intensity of the light bothers you also, adding a very light "Softlight" tint will reduce the intensity of the light to a more comfortable level. So a light color tint and an AR coating are the best combo for this lens glare.

NIGHT DRIVING glare bothers a lot of people. One of the best preventative measures for improving your night driving vision is **to wear good sunglasses during the day**, especially during the last few hours of daylight. **This will make your dark adaptation time shorter and improve your night vision considerably.** If you do this and you still have a problem with night driving glare, you might try putting an **anti-reflection coating** (AR coating) on your clear lenses, and add a Softlight (light rose color) or light yellow tint to cut the glare down. You can't darken glasses much for night time use, but the Softlight (VLT 82%) or yellow lenses have a high VLT of around 75% or so, so it shouldn't interfere with your night vision. The Zeiss broadband AR coating works well at night. The ultimate night driving lens is the Softlight or light yellow with a Zeiss anti-reflection coating.

Aging and Medical problems can also require certain lenses. If you are over 50 years old you might need a lighter tint, like a plastic lens that we can make in any density you want from opaque to nearly clear. Lots of people get away from the "standard tints" with 16% VLT and to lighter tints of 25% VLT or so. If your doctor has prescribed certain lenses for you, call us on our toll-free number to find out if we can help you with specifics.

There are all kinds of lenses out there to help you with certain eye diseases.

So-called "**old eyes**" can make seeing under poor light difficult. As we age our eyes "wear out", they require much more light to see well. If you are having difficulty reading at night, try putting brighter bulbs in your reading lamp, if you had 60 watt bulbs, try 100 watt or even 150 watt bulbs. Correct reading lenses that correct for astigmatism will also help (over the counter "cheaters" or reading glasses do not correct for astigmatism).

GLASS LENSES, characteristics

DARK GREY or **G-15** (American Grey) glass lenses have identical characteristics. Dark Grey (like the Military issue)

lenses are a neutral blueish/grey color, the G-15 (also called the American Grey) is Greyish/green in color (like the Ray-Ban). They both do the same thing, they lower the glare intensity to a comfortable level, provide UV and IR protection, and have a VLT of 16%. Available in non-prescription and prescription lenses. Used for general purpose use. The Dark Grey will not alter colors that you see, if "true colors" are important to you.

KONTRASTER™ glass lenses are amber/brown in color, about the same color as an amber beer bottle. VLT is about 17%. so they can be used for general purposes. With the high amber content of the lens it filters light a little differently than the other lenses. **It filters more blue light**, there by increasing the contrast of what you see. Since it filters more blue light, things appear clearer, improves depth perception, and reduces the effects of haze and smoke and light fog (which is made up of scattered blue light).

Pilots like this lens because it makes checkpoints easier to see, and spotting other air traffic is easier. Fishermen like this lens because it makes it easier to spot buoys and other water markers.

People who live in climates that produce a lot of overcast but bright days like it because it "brightens up" your world, is less depressing than wearing grey lenses on grey days. Skiers like it because it not only cuts through light fog and haze, but produces enough contrast to see moguls easier. If you are in to almost any kind of outdoor activity, you will find this lens to be the best choice by far. Although it appears to be lighter in tint than the Dark Grey or G-15, the VLT is only 1% less.

SOFTLIGHT glass lenses have a light rose color, a very high VLT of about 82%, you can hardly tell they are tinted, appear almost clear. But, they have just enough tint to reduce the glare inside from overhead lighting and also make good computer tints. Available in prescriptions or non-prescriptions. Make an excellent night driving for glass, especially with an AR (anti-reflection) coating. Light Rose color is used most often, but in plastic we can tint them almost any color.

POLARIZED GLASS lenses eliminate reflected glare that other lenses on reduce.

Because these lenses have special qualities we have a whole section in this guide devoted to them.

MIRRORED GLASS LENSES start out as Dark Grey, G-15 Kontraster, etc., and a mirror is then applied to the front surface. This is one way of reducing the overall VLT of glass lenses. Example; you put a full mirror on a Kontraster™ glass lens and it will bring the VLT from 17% down to about 5 to 7%. We can not specify the exact VLT because of the way the coating are applied in batches, so the above figures are about as close as we can estimate. **The downside to mirrored lenses** is that they **can cause severe sunburns on your nose and face** due to them **reflecting the sunlight, doubles the amount of UV on your nose and the front of your face.**

CHANGEABLE lenses

Changeable lenses such as the glass Changeable Grey, Photogrey Thin & Dark and Serengeti Driver **get darker and lighter depending on how much ultraviolet light is striking them.** In the **plastic version** they are called "**Transitions™**" (this is a trademark name). We will refer to them all as changeable lenses.

How changeable lenses work

To darken, they must have **ultraviolet light** striking them directly. **They won't darken inside a car or sitting behind windows, they must be exposed directly to sunlight.** When the source of sunlight/ultraviolet light is removed, they go back to their light state. Some will darken as much as to 17% in cold bright conditions, and lighten to nearly clear at 85% in the dark.

Several things affect the darkening/lightening process:

1. The most important condition that affects lightening and darkening is **ultraviolet light**, the lenses must have uv light to darken. They must be in direct sunlight, they will not darken in a car or even behind a closed window in direct sunlight.

2. The **length of time they are exposed to uv light** will determine how dark they get, they usually reach around 50% of their darkness after a minute or two, then will continue to darken for about 10 minutes.

3. The **temperature of the lenses** have a dramatic affect on the darkness, they darken a lot in very cold weather, they don't darken very much in hot weather. Not a good choice for use in the South where temperatures are in the 90's during the summer. They work better at temperatures in the 60 degree and below range.

4. The **thickness of the glass lens** also affects how fast glass lenses darken/lighten, and how much they change. Thicker **glass** lenses get darker than thin ones and do not lighten as much. Plastic changeable lenses such as the Transitions™ or Sensensors™ are not affected by lens thickness.

5. The glass lenses have a **built in memory**, that is, when you first get them they will be slow to change, as you wear them more and more they will change a little quicker. If you put them in a drawer for a period of time they will revert back to the "new" condition and you'll have to start the process all over. The plastic changeable lenses change faster and are less affected by memory.

We never recommend changeable lenses to people who have a need for serious sunglasses. They perform poorly in hot weather, a little better in cold weather.

Changeable lens availability

CHANGEABLE GREY glass will lighten to about 85% inside (almost clear), and darken to about 30% outside (subject to the 5 conditions listed earlier). Expect them to **not** get this dark in the summer time, the maximum darkness in the summertime will be more like 40% or so. Can be worn indoors or at night, act somewhat like a Softlight tint indoors, and a medium tint sunglass outdoors. Available in non-prescription and prescription lenses.

PHOTOGREY THIN & LIGHT is also a changeable grey lens but has a wider span, inside they lighten to about 85% inside. Outside in direct sunlight in **cool weather** they darken to as low as 17%. In the summer you can expect them to get down to about 25% (medium dark). The lenses are 30% thinner and lighter than the regular changeable grey glass. Available in prescription lenses only.

SERENGETI DRIVER lenses are copper-colored changeable lenses that start out in their light condition as medium/dark sunglass density (VLT about 24%), and out in direct sunlight will darken to about 12% VLT in cold weather and bright sunlight. Since they start out dark at 24%, they are not suitable for indoor use. They do make a good sunglass in direct sunlight, subject to the 5 conditions for changeable lenses listed earlier. Available in non-prescription only in Serengeti frames.

CHANGEABLE PLASTIC lenses are sold as **Transitions**. They are available in Changeable Grey (all the same characteristics as the Changeable Grey glass lenses described earlier, except they change a little faster). They are lighter in weight than the glass changeables, change from dark to light faster, cost quite a bit more, are available in prescription lenses only. In their light condition they have a VLT of about 70%, in their dark condition they will get down to about 17% (takes about 2 minutes to darken and about 5 minutes to lighten).

Plastic lenses

Plastic lenses offer the same colors and performance as the glass except that they do not filter much IR light. The nice thing about plastic lenses is that they **can be tinted**

to any density (VLT) you want from clear to nearly opaque, and if the color or density is not right for you, we can remove some of the color to make them lighter or add color to make them darker.

GRADIENT DENSITY plastic lenses are really popular because we can make Top Gradient Density lenses **darker at the top** to filter out more sunlight coming for high angles, make them **lighter in the center for normal use**, and the **bottom can be lighter yet** so you can see the speedometer or read maps easier. They are very flexible as far as density goes, we can make them just about any density you want (in addition to the ones published as dark, medium or light top-gradients). We can also make Double Gradient lenses which are dark at the top and bottom and lighter near the center. Available in non-prescription and prescription lenses.

YELLOW lenses are very lightly tinted lenses used to increase contrast. VLT is usually 70% or so. They are not sunglasses, although they do stop the UV light, the VLT is too high for use as a sunglass. Also used for night driving to reduce headlight glare. Available in non-prescription and prescription lenses.

SOFTLIGHT plastic lenses have the same characteristics as the glass ones, except we can increase or decrease the VLT of the lenses to suit your use. We normally tint these to 80% VLT (almost clear), but can also make them darker if you are more sensitive to light. The glass Softlight is a very light rose tint, when you order Softlight in plastic CR-39 we can also use light grey, or green, or yellow or any other color to achieve the same results. Rose or grey color is normally used. Available in non-prescription and prescription lenses.

TEAL colored lenses are relatively new, used by **golfers, sporting clay shooters and some other outdoor sports**. We have not found really good uses for these lenses yet, but are continuing to test them.

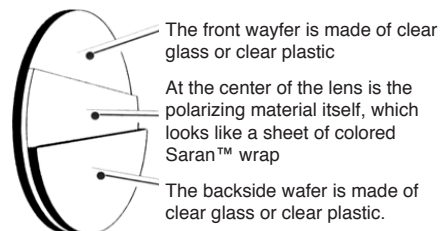
COPPER DRIVER colored plastic lenses are the **same color as the Serengeti Drivers**, are available in almost any density (darkness) you want, available in top-gradient or solid tints.

VERMILION colored lenses are **red** in color, used by shotgun shooters for various events.

POLARIZING LENSES

What is a Polarizing lens, how is it made? The illustration below shows a cut away drawing of the 3 piece laminated polarizing lens. The outside and inside of the lens is glass or plastic, the polarizing material itself (which is a very thin "Saran Wrap" like tinted plastic) is sandwiched in between.

So all of the color and filtration qualities of the lens is in the thin plastic material, the glass or plastic outer lenses are just clear. This is what makes good polarizing lenses so expensive, it is like buying 3 lenses.



What is the main advantage of polarized lenses?

Polarizing lenses **eliminate some reflected glare** that other non-polarized lenses only **reduce**. The two key words here is **eliminate** and **reflected**.

If you defined a polarizing lens you could say that it eliminates 100% of the reflected glare coming off a flat horizontal surface at an angle of 52 degrees. The polarizing action diminishes as the angle of the reflected glare decreases or increases from 52 degrees. This means that if you are standing at the edge of a swimming pool looking down at the water, you will be able to see under water glare-free at an angle of 52 degrees, as you look farther out into the pool you will begin to see glare, the further you

look the more reflected glare you will see until the polarizer becomes totally ineffective.

Advantages of polarizing lenses;

1. Eliminates some of the reflected glare coming off the dashboard of your car.
2. Eliminates some of the glare reflected off the inside of the windshield.
3. Eliminates some of the reflected glare from the surface of the road.
4. Eliminates some of the reflected glare coming off the windows of other cars.
5. Eliminates some of the reflected glare coming off trees leaves and grass.
6. Eliminates some of the reflected glare coming off the surface of the water.
7. Eliminates some of the reflected glare coming from haze.

Disadvantages of polarizing lenses:

1. For **driving** or **skiing** they **mask ice patches** by eliminating the surface glare used to identify ice on flat surfaces. In cars that have LCD type digital displays on radios or other instruments, wearing polarizing lenses will blackout the face so that you'll have to tilt your head at a 90 degree angle to read them.
2. For **flying** they cannot be used in airplanes with **thick laminated windshields**, like on large airplanes, **you can't see through the windshield** because of the stress caused by the laminations on thick glass. It also **masks the reflections coming off other air traffic**, making it harder to spot other airplanes. Will also mask LCD displays like GPS receivers, instruments, cell phones, computer screens, etc., making them impossible to read.
3. For **motorcycle** riding or anytime you wear a helmet with a face shield, it **shows the stress in the curved plastic shields** and causes you to see blue spots on the shield. If your speedometer or radio has an LCD display it will also mask it.
4. For boating, while the polarizer works well for eliminating reflected glare off the water, **it will mask LCD displays** found on marine instruments, making them impossible to read unless you tilt your head sideways.
5. **Glass polarized lenses can not** be tempered like regular glass lenses so are not as hard as regular glass lenses, **so they are not as impact-resistant and are fairly easy to break.**

Don't forget about what makes a good sunglass lens, it's ability to **reduce glare to a comfortable level, and eliminate UV and IR light**. The polarizer goes only one step further by **eliminating some of the reflected glare** while **reducing** the direct glare like normal lenses, but it goes one step backward by not eliminating much IR light as regular colored glass lens.

So even though it allows you to see underwater if the water is clear, it does not eliminate the IR rays that add to day-long discomfort cause by excessive heat reaching your eye. **The comfort of unpolarized solid colored glass sunlens** (such as the Dark Grey, G-15 American Grey and Kontraster™) **stops IR light and let's you see the LCD instruments on your boat, in your car or airplane, etc.**

Question: I noticed that you keep saying 'some' reflected glare, doesn't the polarizing lens eliminate all the reflected glare?

Answer: No, polarizing lenses only eliminate **all** of the reflected glare coming off of a flat surface, reaching your eyes from an angle of about 52 degrees. As the angle of the reflected glare decreases or increases—the amount of reflected glare that is eliminated is **dramatically reduced**.

Looking out at water with wave action you will see just about all of the reflected glare except a small amount here and there coming off flat surfaces. Remember, because polarizing lenses are only 100% effective at eliminating the glare being reflected from a **flat surface** at a 52 degree angle, as the angle of reflected glare keeps increasing it ceases to eliminate the reflected glare.

Question: Glass polarized lenses are too expen-



View **with** a polarized lens lets you see the driver



View **without** a polarized lens wont let you see the driver

Polarized lens availability

GLASS polarized lenses are more scratch-resistant than plastic ones, they are available in two or three colors, the Dark Grey (which is usually an American Grey which has some green in it), and the Kontraster™. The reason the Dark Grey lenses have a green tint added is to keep the lenses from turning a magenta color as they age. Real Neutral Gray lenses are almost nonexistent because of this problem. The polarizer in all polarized lenses use a saran-wrap like plastic sandwiched between two pieces of clear glass as the filter, this is where all the color and filtration takes place, the glass is used to hold the polarizer rigidly in place and protect it. Glass polarized lenses are available in prescriptions and non-prescriptions. **Glass polarized lenses are not impact-resistant** like our other glass lenses, to temper lenses and make them impact-resistant you must heat the lenses to 1200 degrees, this would melt the plastic polarizer sandwiched between the two glass lenses. So if you are going to use the polarized lenses where there is any danger of flying objects or other hazards striking the lenses, you might consider the CR-39 or Polycarbonate plastic lenses.

PLASTIC polarizing lenses (CR-39 or Polycarbonate) are lighter and more impact-resistant than glass. Non-prescription ophthalmic plastic polarizing lenses are 2.2mm thick (cheap plastic polarizing lenses are less than 1mm thick made of easily scratched acrylic plastic).

The **CR-39 plastic polarizing lenses** offer excellent optical quality, they have a fairly hard surface to resist scratching, lightweight, and are more impact-resistant than glass polarizing lenses. They are available in Dark Grey (American Grey/green) or Kontraster™ colors, in both non-prescription or prescription.

Polycarbonate polarizing lenses are the most impact-resistant, preferred by people in fast moving outdoor sports such as fishing, playing ball, etc. The downside is that they scratch easily, so you will need to clean them more carefully.

Clear or lightly tinted polarized lenses do not work well at all, in fact, they do almost nothing, save your money. Part of a good polarizing lens is it's darkness, the darker they are the more effective the polarizer will be.

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Services we offer

Records of your past orders

We keep records of your purchases in our computer for about **9 years** or more. So if you need parts or want to place an order for exactly what you had before, we probably have a record of it. We also keep a history of your prescriptions.

If you need lenses only. . .

We can look up your record to see what you ordered last time. To make new **prescription** lenses for your frame, we either need your frame (preferable), or, if the frame is currently offered in our catalog we might be able to use a current frame in stock for a pattern. We need the pupil distance on **all** prescriptions (if you ordered prescription lenses from us in the past we probably have this measurement on file). Call us at 800-786-2021 if you have any doubts. If you did not purchase your frame from us, but need new lenses, we can usually do it, however, there is a \$14.00 pattern making charge per frame.

If you need to send us your frame for new lenses, temples, nose pads, etc.

Please include the following information:

1. **Your customer number**—if you have it, but at least your name, address, zip code and daytime phone number.
2. **Very clear instructions** as to what you want. **Do not rely on phone conversations with us** and assume that we know what you want. The worst packages we get are the ones with a note such as "as per our conversation". Include part numbers if you have them, or a good description such as "Plastic, Clear, CR-39 single-vision lens", and always include a pupil distance measurement on prescription orders. There are thousands of lenses available.
3. **Include a method of payment**, credit card number or check. If you want an estimate before you commit funds, give us a phone number that we can contact you during the day. All items sent to us will be billed for \$3.90 return shipping, regardless of what we do, unless we made an error on your order.

Minor Frame repairs. . .

We can perform the following "repairs" in house:

1. **Install nose pads or strap bridges**; look on page 47 for a selection of nose pads.
2. **Temple tips** (the plastic covering on the end of skull temples); we can replace them for you, they cost \$12.50 a pair installed (part # TT).
3. **Cable conversions**; if you have a set of skull temples you would like for us to convert to cables, just send us your temples and we can install the conversion on your temples. We charge \$19.90 for this conversion (part # CC). See page 59 for a sizing chart. We can put cables only on metal frames that have round temple ends.
4. **Replace lenses** in your frame; see what replacement non-prescription lenses cost (page 16), or prescription lenses (page 56 or 57). The prices include installation. Make sure you add any "Extra Charge" items such as grooving, drilling lenses, over-thickness, pattern charge or any other charges that apply.
5. **Replace temples**; we can get replacement parts for most of the frames in this catalog. Sold in pair only.
6. **Frame front replacement**; we can get new frame fronts for most of the frames in this catalog. Call for pricing if they are not listed.

Other frame repairs. . .

Major frame "repairs" such as broken eyewires, broken nose pad arms or broken bridges. . .

We do not make these frame repairs ourselves, if you ship your frame to us, we'll send them to a company that specializes in this. Allow 2 to 3 weeks for this service. They can repair regular metal frames for \$39.90 (part number **FR**) plus \$5.90 shipping. If you have Titanium frames, they charge \$59.90 (part number **FRT**) plus \$5.90 shipping for those repairs. These price include repairing broken eyewires, broken bridges or broken nose pad arms. This

price does not include temple replacement, or major part replacement, only broken eyewires, bridges, nose pad arms and end pieces.

Frames with stripped screws. . .

If your frame won't tighten up, the screw just keeps turning, you have one of two possible problems; the threads in the frame are stripped or the screw is stripped. If it is just a screw, we charge nothing for replacement if you have ordered other services such as new lenses or temples. If you are sending the frame in just for screw replacement we will charge \$2.50 for replacement screws and \$4.00 to put them in. If your frame is stripped, we will have to and drill out the hole and re-tap for new screws, that will cost about \$20.00.

If your frame is stripped we can use a couple of methods to repair it; we can tap out the thread hole and install a larger screw, or, we can install and screw/nut combo or special metal screw. Either way, the charge will depend on the time it takes to do it.

Warranty services

Most manufacturers have their own way of handling warranties. Generally, most frames come with a manufacturers limited 30 day warranty. Most warranties cover manufacturing defects only, if you sit on your frame, get in a fight, the dog tries to eat them, or you drop it on a concrete sidewalk—you must understand that no warranties will cover this kind of damage. After our 30 day money-back guarantee expires, it is up to the manufacturer to honor warranties. If you have problems with this, call us at 318-619-9509. We'll try to help.

Important note on prescriptions and the PD measurement. . .

There is one measurement that is occasionally left off prescriptions, it is the PD (abbreviation for Pupil Distance). This is the distance between your two pupils. See page 62 for more information. **We must have this measurement before we can make prescription lenses.** If you have ordered prescription lenses from us before, we probably have it on record. **If you are going to order progressive no-line lenses, this measurement must be very accurate (+ or - 1mm).**

When you go in for your eye exam, **make sure you have this measurement before you leave** with your prescription. It takes less than a minute to make this measurement. In fact, don't pay your bill until they provide you with the PD measurement, it's the law.

Frame sizing information:

The frame sizing can be found in the description, it will say something like this:

Medium (135mm/52mm/140mm).

The **first indicator "medium"** means that this frame will generally fit people with "medium faces".

The **first number, 135mm**, is the width of the frame from the outside of the endpiece to the outside of the other endpiece (the widest part of the frame).

The **second number, 52mm**, is the size of **one** of the lenses as measured straight across at the widest part of the lens.

The **third number, 140mm**, is the size of the stock temples. If the measurement is given as 140mm, we can adjust some temples from 135mm to 145mm.

Need help?

Don't hesitate to call if anything is not clear to you, we've been doing this over 46 years, we can help.

Call our help line at 318-641-7700

HIDALGO'S

Guide to selecting prescription glasses

Your eye doctor must give you a copy of your prescription, it's the law. . . Now you can have youreyeglasses made by anyone you choose. . .

Many years ago a Federal Law passed that requires eye-doctors to provide you with a copy of your prescription after your eye exam.

This gives you the right to “shop” for eyeglasses just as you do for other things. You are no longer obligated to buy your glasses the same place you had your eyes checked. Don't pay for your exam until they hand you the complete prescription, the prescription must have the PD measurement also.

Questions and answers about prescription glasses by mail. . .

Question: How long will it take to get my glasses after I place my order?

Answer: As quick as 7 working days. Normal processing time on most prescriptions is from 6 to 9 days. So you should receive your glasses in from 7 to 13 working days. Coated lenses, mirrors or some other items take longer.

Question: What will I need to place an order for prescription glasses?

Answer: You'll need your current prescription, and your pupil distance measurement. The pupil distance measurement is explained later in this section, your doctor should provide it, but sometimes they don't. For bifocals you'll need a segment height measurement (explained later).

Question: How can I be sure the frame(s) will fit properly?

Answer: We don't want to waste your time by making prescription glasses for a frame that you have never seen or tried on, that would be a “shot-in-the-dark”. We have a prescription frame “Try-on Program” that allows you to order frames, try them on, and make your decision before we make up the prescription lenses for you. This is a “no-risk” program that lets you try on these frames in the privacy of your home or office, so that you are not intimidated by sales people—you can make your own decision. The “Try-on” program is explained later in this section.

Question: What happens if the glasses won't work for me?

Answer: You have a 30 day money-back guarantee. If you're not happy with your glasses, for any reason, you may return them for a refund.

Question: Will the frames need adjusting?

Answer: Yes, they usually require some kind of adjustment, even if it's only an temple-length adjustment. If you experience any kind of distortion, or the frame feels “funny”, it probably needs adjusting. Most optical shops can make these minor adjustments free, if you can't do them yourself.

Question: What happens if the doctor gives me a wrong prescription?

Answer: This happens, so we have a built-in system to compensate for it. If this happens to you, just let us know, we'll do the job over for a fraction of the original cost. Don't get mad at your doctor for the wrong prescription. If you had the exam while you were “stressed-out”, where your blood pressure was up—this could affect your vision to the point where the doctor didn't really make a mistake, he just read what your vision was that day. Had you had the exam after your blood pressure went down, he might have obtained a different reading. We will remake the job within 30 days if this occurs.

Question: What if I break my frame or lenses. Can you replace them?

Answer: Yes, we continue to supply parts for frames as long as the manufacturer offers them. Replacement lenses

are also available.

Question: Can you put prescription lenses in my frame?

Answer: Yes, our lab must have the actual frame to assure a proper lens fit. We put your frame on our computerized tracer to get an exact lens fit. If you see your frame still listed in the catalog we can usually make the lenses without having the frame.

Question: How can you sell prescription glasses for so little?

Answer: Quantity buying, low overhead and mass production techniques keep our costs very low. Also, since we work with the same frames, day in and day out, our efficiency and the quality of the finished product is much better than a shop that is offering several hundred frames.

Question: How about quality, how do your glasses compare to the expensive local shops?

Answer: We'll let you be the judge of our quality. If our glasses are not as good, or better, than any glasses you've ever owned, regardless of what you paid for them—send them back to us for a full refund. We give you a 30 day money-back guarantee to prove that we have every confidence in our product. We have a file full of testimonials from our customers saying how surprised they were at the quality. Many people expect that because of our low prices, the quality just won't be there. Not true. We buy the very best lenses and frames we can find.

Should I get plastic or glass lenses?

Plastic lenses: CR-39 hard-resin lenses are the “standard” of the industry. This is our most popular lens material by far, mostly because of its' light weight, and more scratch-resistant than polycarbonate lenses. CR-39 plastic lenses can be tinted almost any color and density, and will provide a nice even density/color across the lens. They can also be tinted to gradient densities. You can also put CR-39 plastic lenses in semi-rimless frames.

Thin-plastic lenses: These are made of a special plastic called “high-index” plastic. It does not take as much of this special plastic to correct your vision, so your lenses will be about 20% thinner and lighter than lenses made with the regular CR-39 plastic. They can be tinted in lighter shades. Good for use in prescriptions over -5.00 (sphere) or +3.50 in larger frames.

Polycarbonate plastic lenses: This material is softer than CR-39, so it scratches easily—even though it has a so-called “Anti-scratch” coating. Polycarbonate lenses have some other problems; they're expensive, hard to process, can't be tinted very dark, and some people never adjust to the refractive index—they complain about distortion in the peripheral areas of the lens. Polycarbonates' big selling point is their impact-resistance—they're almost indestructible.

How about glass lenses? There is no doubt in anyone's mind that glass lenses are more scratch-resistant than plastic. That's just one of their advantages. Glass is much clearer than plastic, having a light transmission of around 96%, as compared to plastic lenses which have a light transmission in the mid 80% to 90% range. This means that you see a sharper and clearer image with glass.

Glass has a big disadvantage—they are heavy! Since prescription lenses can be 3 or 4 times thicker than non-prescription lenses, this can make glass quite uncomfortable—if not painful. Another disadvantage concerns colored glass lenses such as the Dark Grey, the G-15 and the Kontraster®. Colored glass lenses come with the color built in. As you grind away some of the glass to make prescription lenses, you end up with some parts of lens being thin, and other parts being thick, this happens on all prescription lenses—in colored glass lenses, it results in an uneven density across the lens. The illustration below shows a -2.50 (sphere) made of colored glass, notice how the center is light and the edges are dark:

This is a -2.50 colored glass lens, see the light and dark



areas of the lens.

The thicker your prescription, the more uneven it will be. If your prescription reads over 2.50 under the sphere or cylinder column, you should get tinted plastic lenses or have the color coated onto the back side of the lenses. Tinted plastic lenses can be tinted so that the density is even across the entire lens, regardless of thickness. We can color coat the thicker glass lenses for prescriptions over + or - 2.50 sphere or cylinder so that you will end up with an even density across the entire lens. See the description of "Color coating for glass lenses" on page 57 for prices.

Here is an example of a tinted plastic or coated glass lens, the color is very even



Impact-resistance, what you should know about it. . .

Federal law requires that all lenses sold in the U.S. be impact-resistant. All of the glass prescription lenses we sell are subjected to a steel "drop-ball" test to insure that they meet ANSI Z80.1 and FDA requirement 21 CFR Sec 801.410 for impact-resistance.

This does not mean that the lenses are shatterproof or breakproof, it means that when they left our premises, they met these requirements. Any lens can be broken if subjected to enough force.

You should be aware that scratches on lenses weaken them to a point where they can lose some, or all of their impact-resistance. If your lenses get scratched, you should replace them as soon as you can, they could become an eye hazard.

To make glass lenses impact-resistant we use the "Heat-treat" method. Plastic lenses are impact-resistant by their very nature, so we do not "drop-ball" test them.

Polarized glass lenses are the least impact-resistant, because of the lamination of the plastic polarizing material sandwiched between the front and back glass wafers the lenses can not be heat treated. They should not be used in areas where eye hazards exist.

In the order of highest impact-resistance to the lowest, the polycarbonate plastic has the highest impact-resistance, followed by high index plastic (so-called "thin-plastic"), then the CR-39 plastic, then heat-treated glass, and finally the least impact-resistant is the glass polarized.

Prescription limits, what we can and can't do by mail

When you call in your order for "Try-on" frames, please have your current prescription handy so we can let you know if your prescription will work in the frames you're ordering. We have been doing prescription glasses by mail for over 30 years, what we've learned during that period has helped us establish certain thickness limits that are practical. If your prescription has numbers greater than this, you really should go to a local shop for a precise fitting and measurement.

We reserve the right to refuse any prescription job that we feel should not be handled by mail.

How thick do you want your prescription lenses to be?

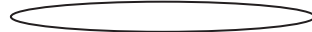
We wish there was a choice, but unfortunately, the laws of physics (optics) dictates lens thickness. There are some things that you can do to **help keep the prescription lenses as thin as possible**. There are three primary things that control lens thickness—the **prescription** that your doctor wrote—can't change that, the **size and shape of the frame** you put the lenses in—that can be controlled, and the **lens material itself**—you can control that also.

The rule to remember is; **the larger the frame, the thicker the lenses will be**. The best frame shape to choose for thinner lenses is the **rounder** or oval shaped, the worst is the large square and the larger pilot shapes.

If you choose the "**Thin plastic**" option (assuming you have a thick prescription of say + or - 5.00 or more), that will also help. Polycarbonate lenses have a slightly higher

optical index, so they will be a little thinner (about 20%) and a little lighter than the regular CR-39 plastic lenses.

Small 40mm diameter lens:



This is how thick a certain + sphere lens would be if it were in a small frame of about 40mm

This is a larger diameter 50mm lens.



If the diameter of the lens is increased to 50mm you can see that the thickness has increased

This is a larger 60mm diameter lens:



You can see how much thicker the lens has gotten.

Prescription lens availability

Single-vision lenses have one correction, normally it's the distant correction, but you can also have lenses made just for reading or computer use. If you do not tell your eye examiner any different, he will measure your distant vision for a focus at "infinity" of about 10 feet or more.

You can also have reading or computer lenses made, just tell the examiner how many inches or feet away you need to focus at.

Bifocal lenses have two corrections, the upper part of the lens is set for "infinity", or distant use, the lower part of the lens—the "segment", is set to focus close-up for reading, which is normally about 15 to 18 inches. Once again, if you need a bifocal for other uses, you can have your examiner set the focal distance where ever you want.

With the normal "flat-top" bifocal when you move your eye from the top part of the lens (the distance correction) to the lower reading "segment" you change the focal point from infinity down to about 15 to 18 inches.

Your prescription will have the bifocal part listed as the "add", example; +1.50. When you order bifocals you should mark the lenses so that we know where you want the top of the bifocal segments located. Normally they line up with your lower eyelid.

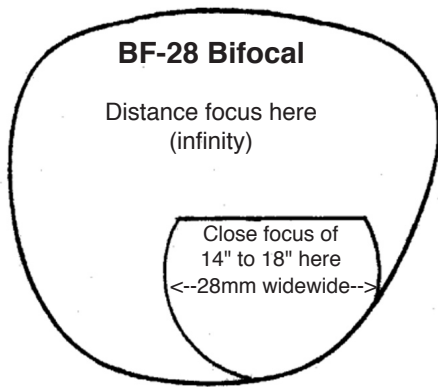
Trifocals lenses have **three corrections**, the upper part of the lens is the distance correction, the smaller 7mm to 12mm segment is the intermediate correction that focuses out about 24 to 36 inches, and the lower bifocal part of the lenses focuses at about 12 to 18 inches—just like a regular bifocal.

Multi focal lenses, sometimes called "no-lines" or "PALS" (Progressive Addition Lenses), or just Progressive lenses, are the "state-of-the-art" for people who need more than three fixed focal lengths. They focus from infinity down to about 10 inches, with no "steps" in between. The top part of the lens is the single-vision distant correction. As you start to look below the center of the lens, the progressive segment part of the lens takes over and this will start you into the "reading" area, you just have to tilt your head up and down until you find that part of the lens that produces the best focus for what you're looking at. More on this later.

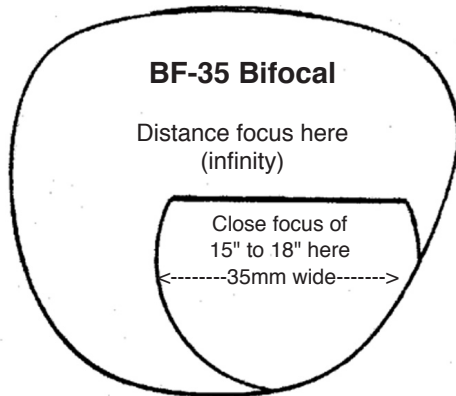
Bifocal lens availability

Fixed-focus flat-tops are the most common type of bifocals, they range in width from 25mm to 35mm, the 28mm being the most popular. The focal distance in the top part of the lens is normally infinity, and the reading segment is set for about 15 to 18 inches. The illustrations on this page show the actual width of each of these in a popular "pilot" shaped lens. Here are some of the common uses for each lens:

(continued on next page)



The 28mm flat-top bifocal (BF-28, shown full size above) covers a large area at the bottom of the lens, providing a panoramic close-up view. This is the most popular bifocal.



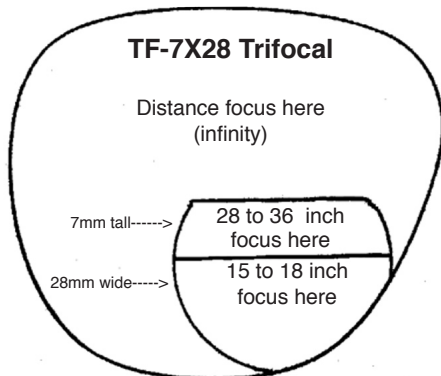
The 35mm flat-top bifocal (BF-35, (shown full size above) is one of the widest flat-top available, and is preferred by people who do a lot of reading or close-up work. You get the widest field of view.

The **Executive bifocal** (not shown) has a reading segment that goes across the entire lens. It has been discontinued.

Trifocal lens availability

There are several types of trifocals available, we will list the three most popular ones. There are also special computer trifocals, executive trifocals, occupational trifocals and a host of others.

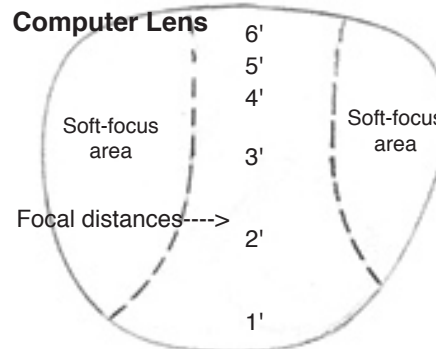
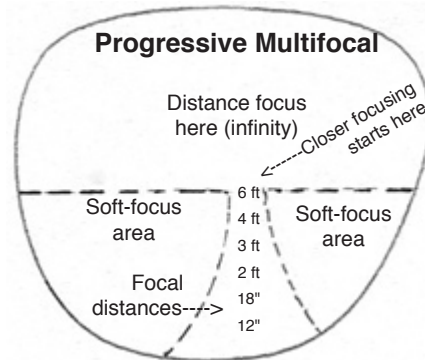
The **TF-7x25** (not shown) is the smallest trifocal made. The top intermediate correction is 7mm tall and the overall width of the segment is 25mm. The big advantage of this one is that you can see at a distance around some of the bottom part of the lens if you look around the edge of the reading segment.



The **TF-7x28** trifocal (shown bottom left column) has a 7mm high intermediate segment, with the total width of the reading segment being 28mm, about 3mm wider than the 7x25. This give you a wider reading and intermediate correction. **This is the most popular trifocal, and the least expensive.**

The **TF-8x35** trifocal has a 8mm high intermediate segment and the overall width of the segment is 35mm, this gives you a slightly wider field of view than the 7x28, and a little more area in the intermediate part of the trifocal, these are not available in many lens types, and are more expensive.

A note about trifocals; there is no choice of power on the part of the reading segment. If the doctor prescribes lets say a +2.00 for the bifocal part which is the lower part, the upper segment will always be 50% of the bifocal, in this example the +2.00 bifocal will have a +1.00 intermediate power. The +2.00 focus will focus 12 to 18 inches and the +1.00 intermediate part will focus at 24 to 36 inches.



Progressive multifocal lenses,

sometimes called PALS (Progressive Addition Lenses) or no-lines, provide focal distances from 10 inches to infinity. This is the most sophisticated multi-focal lens available, and has the greatest focal range, most nearly approaching natural vision.

The invisible reading segment is a **narrow vertical channel** that starts out at the middle of the lens with a distance focal point, and gradually focuses up closer and closer until at the bottom of the lens it will focus down to about 10 to 12 inches. The best part of this lens is that it does not have fixed-focus "steps" like flat-top trifocals, it will provide a continuous focal point all the way from infinity down to about 10 inches. So no matter what you look at, you can find a spot on the lens that will get you in focus.

The down side of the lens is the adaptation time, especially if you've been wearing regular flat-top bifocals. They offer a very narrow field of view. This infinite focal length feature is provided by the narrow vertical channel running from about mid-way the lens to the bottom. You end up looking through about a 5 to 7mm wide spot to focus on your "target". You have to train your brain to move your head up and down and side to side until that one spot on the lens focuses on what you're looking at. Sounds scary, but most people adapt in a few days to a week or so. The longer you wear them the more automatic this becomes until you are completely unaware that it is happening.

Once you learn to use them, they work great, they're the closest thing to having your natural vision back. The area on each side of the vertical progressive lens is kind of no-man's land, it won't focus clearly on anything close or far away, we call this the "soft-focus area". So if you're used

to looking through that area of your current flat-top bifocal, it will take some getting use to.

Different kinds of progressive lenses

There are hundreds of different progressive lenses on the market. We will generally choose which one is right for you, depending on the frame size, and what you're going to use it for. There are three groups of progressives:

“Standard” :

These are best for general purpose use where you don't spend a lot of time reading, or doing work that requires accurate perspectives. The reading segment is not quite as wide as the more expensive “Premium” progressives. They're one of the most common lenses sold by optical outlets, and unless you specified one of the better lenses, is probably what you've got. The standard progressive lenses require 18mm of vertical space on the lens, so if the total height of your lens is less than 36mm you need to move up to the “Premium” progressives. Since the top of the progressive lens starts at the center of the frame, you just divide the total height of the lens by 2, 36mm tall divided by 2 = 18mm. If the height of your lens is less than 36mm, you must use the more expensive “Premium” progressive lenses.

“Premium”:

About 20% “better” than the Standard Progressive lenses. These offer a slightly wider segment than the standard progressives. We can use the Sola VIP, Essilor Adaptar, Pentax AF, Signet Kodak, Essilor Natural, Varilux Comfort or Panamic and Younger Image, among others.

“Compact Progressive” are part of this group.

These lenses are necessary for the smaller frames. If your lens height is less than 38mm you will need a compact lens to match your smaller lens size. The vertical “window” or reading segment is “compacted” which makes it shorter and a little harder to use than the standard progressives. **We can not put any kind of progressive lenses in frames that have lens heights of less than 30mm.** For maximum comfort, standard progressives work better than compacts. If you choose a frame with a 36mm lens height or more we can use the standard progressives.

“Computer Progressive”:

These lenses have no distance correction in the top. The entire lens is made up of the reading correction, or near vision correction. Advantage is the reading area is quite a bit wider than a regular progressive lens, so adaptation time is minimal. You get an extremely wide field of view, and you don't have to tilt your head way back to see your monitor. If you spend more than a couple of hours a day at the computer, you need to get these as a dedicated computer glass. They are much more comfortable than regular progressive lenses. Since they focus from about 10 to 12 inches up close, and out to about 6 feet maximum, **they have no distant correction so they are not suited for driving.** The main focus area that you use for computers is near the center of the lenses.

“Super Premium” Progressives”:

There is a whole new group of digitally ground lenses where they grind both the front and rear of the lenses to eliminate as much optical distortion as they can. They are very expensive, require a lot more measurement than can be done by “mail”. We recommend that you find a very experienced shop to make the necessary measurements. Ask the examiner which specific progressive lenses they recommend. We will quote you a price on the lenses if you want.

Frame selection tips for bifocals

We strongly suggest that you select metal frames with adjustable nose pads. Nose pads allow the position of the frame and the bifocal to be adjusted up and down a little, to “fine tune” the position. On progressives it will also allow some left to right adjustment to make sure the narrow progressive reading segments are close to and directly in front of each pupil.

Shallow frames are not good choices. The vertical height of the lens can restrict how much reading segment is left at the bottom of the lens.

How to order bifocals, Trifocals and Progressive multifocals. . .

We will need your entire prescription. See our “Prescription Mailorder Blank” in the prescription section page 45. We suggest filling out this form, even if you phone your order in. It'll help to have all the information that we'll need organized and ready. If you have any doubts about being able to “read” your prescription over the phone, send it to us in an email, by FAX, or, when you call we can walk you through it. **Very important: Please make sure you have your Pupil Distance measurements** (we must have this measurement). If you don't give us a specific segment height we will normally put it about 2 or 3 mm below the mechanical center of the lenses. The bifocal part of the prescription asks for this information; add power and Segment Height.

A critical measurement for progressive lenses is the Pupil Distance measurement, when you get your exam make sure they write it down for you, most examiners don't put it on your prescription. The pupil distance measurement locates the optical center of the reading segment to correctly align with your eyes.

The segment height measurement is where the top of the reading correction will start. If you put the segment too high you have to tilt your head down to see over it when you look at distant objects. If you get the segment too low you'll have to tilt your head back to see through it for reading. We normally put the progressive lens tops near the center of the lens, we put bifocals and trifocals 2 to 4mm below the center of the lenses.

If you need a special segment height for some specific use, tell us where you want to locate it. The easiest way to get this measurement is to put the frame you've selected on your face, adjust it to the position you'll be wearing it, then have someone put an “X” on the lenses, directly in front of each pupil. If we know where your pupils are, we can put the segments in the correct place.



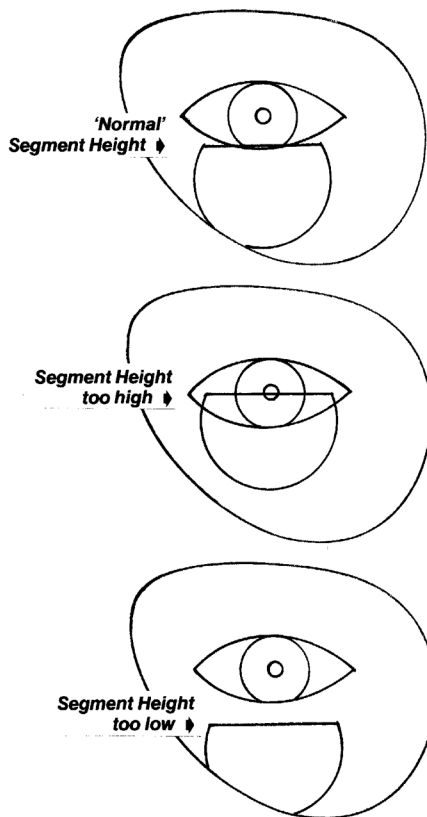
For segment height, just put an “X” on the lenses, directly in front of each pupil

The most practical place to locate the top of the bifocal segment is in line with your lower eyelid (see illustration on next page). You can order out a “Try-on” frame and locate the position of the segment yourself. If you want the segment some other place, for whatever reason, put on the try-on frame, look in the mirror and place a line on the clear demo lens in the frame showing where you want the top of the segment to be. Mark it with a crayon, felt tip pen, or a piece of tape.

Not all of our “Try-on” frames have the clear “demo” lenses, so if you want to mark the position of your bifocal yourself, tell our customer service representative to make sure the frame has clear “demo” lenses so you can “mark” the position of the top of the segment. There is no extra charge for this.

If you are getting metal frames with nose pads, the frame can be adjusted up and down to fine-tune segment height adjustments, by bending the nose pads in or out. If you get plastic frames, there is no adjustment in the “up and down” direction.

Looking for Medical Help, if you need reference material on almost any medical subject, the National Library of Medicine and National Institute of Health maintains an excellent website with lots of information about any health issue you can think of. They have excellent information about cataracts, macular degeneration, heart issues, knee problems, etc. Take a look at it. www.nlm.nih.gov/medlineplus/



“Try-on” program, brings the store to you

Shopping by mail does have some disadvantages—trying to determine what frame you want, the size, fit, color, etc. This is why we have a “Try-on” program—it takes the mystery out of ordering.

By being able to try on frames in the comfort of your own home you'll find out which one looks and fits best. You should use this program if you've never worn the frame you want us to put prescriptions lenses in.

If you use the try-on program (or have worn the frame before), you get our 30 day money-back guarantee.

How the “Try-on” program works:

1. Select the frames that appeal to you. You can select up to 5 frames in this program.
2. Place an order, telling customer service that this is “Try-on” frames. Have your credit card, and your current prescription handy. Your credit card will be billed for the full amount of the frames. When you return them, you will receive full credit (less shipping charges). Also give us your prescription so we can determine that the frames that you are ordering are suitable for your prescription.

It's as simple as that. Just like placing a regular order, except when you specify “Try-on's”, we will know to send you a pre-paid return label, and will expect to credit your charge card upon their return. You pay the shipping to you, we pay for the return shipping. We will enclose a prepaid return label so that all you have to do when you're through with the “Try-on's”, is put them back in the box, put the pre-paid return label on the box, and drop it in any mailbox. No need to go to a post office.

We've been using this system for over 37 years, it works quite well. We ask that you return the frames within 20 days, otherwise we may have to charge you a 10% restocking charge.

What to do after you make your frame selection. . .

You don't have to wait until we receive the try-on frames back to place the order, as soon as you decide what frame you want your lenses in, just give us a call or email or fax us to place the order, that way we can begin processing your order right away.

What kind of time frame are we looking at?

Normal prescription processing time is 6 to 10 working days —depending on whether it has any extras such as anti-reflection or mirror coatings.

In all, from the time you order the “Try-on's” until you receive your complete prescription glasses should take no more than 10 to 15 days. If you order anti-reflection coatings or mirrors, add 3 to 5 more days for processing.

What could delay the processing of my glasses?

Re-makes. If there is anything wrong with the lenses, the coatings, mirrors, placement of the segments, etc., we might have to get the lab to remake the lenses. Our quality control department is real picky, we refuse to send out anything but first-quality glasses, made to ANSI (American National Standards Institute) standards. It might annoy you that there has been a delay, but we would rather annoy you with a delay rather than be quick and send you a pair of glasses that are not first-class.

Remember, it's not what you pay for your eyewear that makes a bargain, but what you get for your money.

We think that you will be very pleased with your purchase from us.

Your 30-day Money-back guarantee on prescriptions

We use the finest lenses and processing procedures available today. All of our prescriptions meet or exceed ANSI standards. (American National Standards Institute).

Your lenses are tested to make sure they meet the refractive power, astigmatic power, luminous transmittance, impact-resistance and other ANSI standards.

If they do not meet these standards, you may return them for refund or exchange within 30 days—less shipping charges.

You are responsible for providing the correct current prescription, along with an accurate P.D. (and segment height—for bifocals) measurement. If you provide us with inaccurate information all warranties and guarantees are void (except for doctors errors, see below).

If you use our “Try-on” program, or have ordered and worn an identical frame from us before, you get a 30 day money-back guarantee. If you are not satisfied, you can return the glasses within 30 days for a refund—less shipping charges.

If you do not use our “Try-on” program, and are not satisfied with your prescription glasses, we will refund your money for the frame, but not for the lenses (the lenses become throw-aways, we donate them to the Lions Club).

Doctors errors are common. If he does not compensate you for the error, we will remake the lenses for you for half-price, if they are returned to us within 30 days.

Replacement lenses: If you are ordering replacement lenses for a frame you already have, we must have the frame to make the lenses. If you ask us to make the lenses without having your frame, there is no guarantee whatsoever. If the lenses do not fit your frame, we can not give you a refund.

Detailed Prescription lens ordering information

(see pages 58 and 59 for prices)

Ordering Prescription lenses:

On pages 58 and 59 are listings for prescription lenses, one page has plastic lenses and the other has glass. **The prices are for one pair of lenses for new eyeglasses or for replacement lenses for a frame you already own.**

Lenses for a frame you own:

If you need new lenses for a frame **you already have**, even if you bought it from someone else, we can put new lenses in it for you, **we will need your frame to use as a pattern.**

If you need lenses quickly, for an **emergency**, and your frame is a current frame listed in our catalog, we can make the lenses using frames that we currently stock for a pattern. It always produces a better fit if we have your frame. Call if you have any questions, **318-641-7700**, Monday thru Thursday 9 AM to 1 PM central time.

After you have gone through **step 1, step 2A** contains extra cost items you may have to add to your lenses.

STEP 2A EXTRA CHARGES These **do not** apply to all glasses, see if your lenses or prescription require any of these:

DRILLED/NOTCHED LENS charge—If you are ordering plastic lenses that require holes or notches, such as on the rimless frames, add this charge (per pair).

GROOVED-LENS charge—if you are ordering Semi-rimless frames (use nylon strings to hold the lenses in), add this charge (per pair).

WRAPAROUND LENSES (8 or 9 base lenses generally installed in so-called "wraparound" frames). Not all lenses are available with 8 base lenses, there is an extra charge for these lenses which varies, depending on the lenses you need. Call for availability and prices.

OVER-THICKNESS charge is for thicker lenses. If your prescription has numbers greater than + or - 5.00 under the sphere or cylinder columns of your prescription, add this charge of each lens that goes over 5.00.

STEP 3, Extra-cost OPTIONS, your choices-

Extra-cost Options for prescription glasses such as tinting for plastic lenses, anti-reflection coatings, mirrors, etc.; items you want to add to your glasses.

If your want sunglasses made out of the clear plastic lenses; you will need this option. If you want a solid color added, get this option. "Solid color" means that the color is even across the entire lens. The visible light transmission level of the "Dark solid colors" should be 15% to 17%, the "Medium solid colors" 25% to 35%, and the "Light solid colors" 50% to 70%. If you want a "Top-Gradient" lenses, these are dark at the top, lighter near the center, and much lighter at the bottom.

The Prescription Order Blank on page 58 lists the colors available. "Thin-plastic" and "Polycarbonate" lenses can be tinted with **light tints only** (about 40% visible light transmission). Transitions and Polarized lenses can't be tinted, they have their own tint built in.

Since CR-39 plastic lenses can be tinted from clear to nearly opaque, and everything in between, we can make them lighter or darker as you require. If you want a lens little darker than "normal", select the "Dark" color choice and tell us what your want, example, the Dark tints are normally 16%, if you want one twice as dark just tell us you want an 8% density. Or, if you want it just slightly lighter than "standard", you might ask for a 20% density.

If you get lenses from us that are too dark, we can remove some of the color to make them lighter, if you get one that is not dark enough, we can add more color. The tinting charge comes with a guarantee, so there is not charge to retint them for you.

TOP-GRADIENT DENSITY TINTING for clear CR-39 plastic lenses (except Transitions and Polarized lenses), that are listed on page 58 as "clear", will need this option if you want to make sunglasses out of them. The Dark Top-

Gradient tint produces a lens that is very dark at the top (about 12%), dark in the center (about 16%) and lighter (about 30%) near the bottom. The Medium Top-gradient tint is 16% at the top, 30% near the center, and 50% at the bottom. The Light Top-gradient tint is around 30% at the top, lighter (about 50%) near the center, and almost clear (about 80%) at the bottom. The Prescription Order blank on page 58 lists the colors available. "Thin-Plastic" and "Polycarbonate" lenses can only be tinted with very light tints of about 40% light transmission at the top, about 50% near the center, and 60% near the bottom.

SCRATCH-RESISTANT coatings are available as an option on most plastic lenses. This makes them slightly more scratch-resistant than the uncoated lenses. Even though manufacturers claim they are 10 times more scratch-resistant than regular plastic lenses, we've found that in practice they only reduce the chances of getting small scratches from improper cleaning. They have little or no scratch-resistance to any abuse that would cause deep scratches on the regular plastic lenses. If you've "hard" on lenses, this might be worth the small extra cost. Can be applied to most plastic lenses.

ULTRAVIOLET TREATMENT for **CLEAR** plastic lenses reduces the ultraviolet light transmission from about 14% down to 1%. If you spend a lot of time outdoors without sunglasses, or use a computer terminal for long periods of time, this is cheap ultraviolet protection. **This treatment is not necessary on lenses that are tinted**—the dyes that we use to tint plastic lenses have ultraviolet protection built-in. So if you get any density of tint applied to your lenses, you won't need this extra coating.

SPECIAL COMBO offer consists of **both** the anti-scratch coating and the ultra-violet treatment for **clear** plastic lenses, you save a lot by getting this combo.

POLISHED EDGES for plastic lenses eliminate the "frosted" look on the outer edges of the thicker lenses.

Available only if the sphere measurement has a minus sign (-) in front of the numbers. This option can cause the edges of the lenses to act as a prism and refract the light that hits the edges in such a way as to cause annoying reflections. Some people find polished edges annoying.

MIRROR COATINGS are available for glass or plastic lenses. They are available in two styles; full coverage (the entire lenses has a mirror of the same thickness) or the Top-gradient density (the mirror at the top of the lens is thicker and the bottom of the lens is thinner, making the lens darker at the top and lighter at the bottom).

We have no exact control over the overall visible light transmission of the lenses, they are done in batches with other lenses, so the density can vary.

There are two basic kinds of mirrors, the "**Flash**" mirror and the "Heavy" mirror.

Flash Mirrors: This is a thin mirror that adds a very light coating to the lens, makes the lens look more like a shiny lens with the chosen mirror color changing the overall color very little, reduces the light transmission only about 3 or 4% (example, if you put flash mirrors on Dark Grey or Kontraster glass lenses it will bring the overall light transmission down from about their normal 16% to 12 or 13%). Flash mirrors are primarily for cosmetic appearance, as they don't reduce the overall light transmission that much.

Full Heavy Mirror: This is a traditional thick mirror, which definitely looks like a mirror. Since it is much thicker than the flash mirror it will bring the overall light transmission down considerably, it will take a Dark Grey or Kontraster glass lens from 16% down to about 4 to 8% (again, we have no accurate control over the final light transmission).

THIN-PLASTIC or THIN-GLASS lenses are made of special high-refractive index material, it takes less of this material to achieve the correction so it's thinner and lighter than the regular material. These lenses will reduce the thickness and weight of the lenses about 30%. **Thin-plastic** lenses are available only for prescriptions of + or -3.50 and over (sphere or cylinder), it won't make a noticeable difference on prescriptions thinner than this.

If you're getting a very large frame, like a 58mm eye size or larger, this option is worthwhile. If you're getting a small frame, like a 46mm to 52mm eye size, the thin material will

make little difference in thickness or weight. The smaller the frame, the less you need "thin plastic or glass" lenses. If you are getting lens sizes of 50mm or smaller, your prescription will not show the decrease in thickness.

Only light and Medium tints are available for "thin plastic" lenses (see Color Tinting below), but no dark tints such as Dark Grey or Kontraster.

The lenses listed in our price lists are the 1.60 high index. In plastic, there are higher index materials available, up to 1.66, these are even thinner. If you have a prescription of + or - 8.00 or more, you might consider these. They are more expensive, so you'll have to call for a price quote.

POLYCARBONATE plastic lenses are recommended for applications where high impact-resistance is needed. For children's lenses, sports lenses, shooting glasses, for drilled lenses, or where the possibility of eye injury exists. Polycarbonate lenses are a little lighter and thinner than CR-39™ plastic lenses, but not as thin or light as "Thin Plastic" lenses. You can have Light and Medium tints applied, but not dark tints. Polycarbonate lenses scratch much easier than the CR-39 plastic.

A word of warning about mirrors, the reflected glare off the front surface of a mirror can cause extreme sunburn to your nose, if you wear mirrored lenses in direct sunlight for any period of time you should apply a good sunblocker to your nose.

A word about putting mirrors on plastic lenses. Since we can tint plastic lenses to any density, we can make the lens whatever darkness you want, then send it to coating and have the mirror applied. Just tell us what density you would like to end up with, and we'll try to tint the lens to the appropriate density. If you have any questions about this, give us a call and we can talk about it.

There are a lot of colors available in mirrors, we have listed just a few of the more popular one.

Add 5 to 8 working days for delivery. Mirrors are not returnable for exchange or refund.

ANTI-REFLECTION (abbreviated AR) coatings are available on glass and plastic lenses, and provide these benefits:

1. Eliminate the reflections on the surface of the lenses and makes the lenses almost invisible.
2. Eliminates the double-image reflections and lens flare that you get on prescription lenses at night, makes night driving easier on the eyes.
3. Reduces reflections on the lenses caused from office lighting, reduces eyestrain and increases contrast.
4. Increases the light transmission of the lenses and reduces "ghost" images.
5. Backside AR coatings are applied to the back of the sunglasses lenses to eliminate the reflection you get off your eyes on the back of sunglass lenses.

We use **Zeiss Gold ET** or **Crizal** multi-layer broadband coating (several layers). These are the most sophisticated processes in the industry. The lenses are then sealed with a Hydrophobic top coating that reduces smudging, is water repellent, and has anti-static characteristics to reduce the amount of dust that collects on the lenses. These are the finest anti-reflection/hydrophobic coatings in the industry.

The both of these coatings work well for night time use for night-driving glasses, they get rid of night-time reflections on clear or lightly tinted lenses. Lenses tinted yellow, soft-light (light rose color) or very light grey or brown can improve night driving vision.

Once an Anti-reflection coating is applied, nothing else can be done to the lenses without first removing the coating. Allow 3 to 5 extra working days for AR coatings.

COLOR COATINGS for clear glass lenses can turn any clear glass lens into a sunglass. Colored glass lenses are not offered in a very wide selection, so to make a glass lenses in the color you want we can take a clear glass lens and have a color coating applied to the back side of the lenses. These lenses still offer very high scratch resistance on the front of the lenses to the uncoated front surface of the lens, but you will have to clean the coated back side carefully. Color coatings produce a nice even color across the entire lens.

So the two reasons for using coated clear glass; is the even color across the entire lens, and it lets you have glass lenses that are not available in colored glass. Colored glass is getting harder and harder to get, especially in bifocals and is not available at all in progressive lenses.

Another reason for using color coated lenses is for folks who have **thick prescriptions**. Colored glass produces uneven densities across the lenses, the thick areas of the prescription can be much darker than the thin areas. Thick prescriptions with color coating produce a nice even density across the lens.

The color coatings are available in Dark, Medium or Light Grey; Dark, Medium or Light Kontraster; Dark, Medium or Light Green; G-15, and Copper-driver colors.

Color coatings add about 4 days to the lens processing.

Prices for prescription lenses are on pages 58 and 59, for non-prescription lenses see page 68 (any of these options can be added to non-prescriptions lenses also).

If you don't see what you want on these 2 prescription pages, our master list over 90 pages long for prescription lens availability, this is just a tiny sample of what is available. Mind numbing choices.

Note: Prism corrections; some prescriptions contain "Prism" corrections, we do these also, just make a not on the order for the prism correction

Step 1 for ordering all prescription lenses, Glass or Plastic

If you need help ordering, don't hesitate to call us. We've been doing this for over 43 years, we can answer any question you have.

Note: **We must have your pupil distance measurement** (distance from one pupil to the other) to make any prescription lenses. (See page 62 for more information on this measurement.)

| Pupil Distance | Sphere | Cylinder | Axis |
|----------------------------|--------|----------|------|
| Right (O.D.) | | | |
| Left (O.S.) | | | |
| Pupil Distance measurement | | | |

If you need only single-vision lenses **you are through with step one**, if you need bifocals, trifocals or progressive lenses, fill out the blanks in the next column >>>>

If you need **bifocals, trifocals** or **progressive** lenses, it will be listed as an "add" on your script, will always have a plus (+) sign in front of it. Script will usually not have a "segment height" measurement, this measurement can be made by you, or you can request a standard position, this is the location of the top of the reading portion of the lenses, measured from the bottom of the frame. It is the mechanical location of where you want the top of the reading area to start. If you are ordering **progressive lenses**, the **pupil distance measurement is critical, it must be accurate within 1mm.**

| | Add power | Segment Height (mm) |
|--------------|-----------|---------------------|
| Right (O.D.) | + | |
| Left (O.S.) | + | |

Important note: Most doctors don't write down your **PD measurement** on the script, **we must have this measurement** before we can make any prescription glasses. **When you get your exam, insist** that someone make your PD measurement **before you leave**. If you have ordered prescription lenses from us before, we probably have the measurement on file, this measurement will not change over time. An accurate PD measurement is critical if you are getting **progressive** lenses.

Step 1 for ordering prescription lenses is on page 55 at the bottom, please provide your prescription and Pupil Distance measurement first

If you want **PLASTIC** prescription lenses:

Step 2

Choose the plastic lenses you want:

CR-39 plastic lenses: (per pair)

- LAX...Clear, single-vision..... 69.90
- LBE...Clear, BF-25 bifocal 89.90
- LBC...Clear, BF-28 bifocal 89.90
- LBD...Clear, BF-35 bifocal 99.90
- LBU...Clear, TF-7x28 trifocal119.90
- LBV...Clear, TF-8x35 trifocal..... 139.90
- LLZ...Clear TF-10x35 trifocal..... 189.90
- LLY...Clear TF-12x35 trifocal 209.90
- LBH...Clear, Standard Progressive multifocal*149.50
- LHA...Clear, Premium Progressive multifocal*209.90
- LMA...Computer lens (Progressive)..... 129.50

or, choose **Polycarbonate plastic lenses:**

- LBM...Clear, Single-vision..... 89.80
- LCS...Clear, BF-28 bifocal 109.00
- LEM...Clear, BF-35 bifocal 129.00
- LGH...Clear, Trifocal 7x28..... 169.00
- LEN...Clear, Trifocal 8x35 179.00
- LFR...Clear, Standard Progressive 189.00
- LEK...Clear, Premium Progressive multifocal 239.00

Note: Polycarbonate lenses can not be tinted dark, you can have only medium tints on these.

or, choose **Trivex plastic lenses:**

- LEU...Clear, Single-Vision119.00
- LEW...Clear, Bifocal BF-28 159.00
- LEX...Clear, Trifocal 7x28 239.00
- LEY...Clear, Premium Progressive multifocal 279.00

or, choose **Plastic CR-39 Changeable lenses:**

- LEQ...Single-vision, Changeable Grey (Transitions) . 179.00
- LDW...Single-vision, Drivewear™ (Transitions, plus-it is Polarized, Brown color) 289.00
- LCX...Bifocal, BF-28 changeable grey (Transitions). 269.00
- LER...Bifocal, BF-35 Changeable Grey (Transitions) 289.00
- LDM...Premium Progressive Changeable Grey or Changeable Brown (Transitions)369.00

or, choose **CR-39 Polarized Plastic lenses:**

- LAY...Single-vision, Dark Grey 169.90
- LAZ...Single-vision, Kontraster™ 169.90
- LDF...Bifocal BF-28, Dark Grey 229.90
- LBN...Bifocal BF-28, Kontraster™ 229.90
- LFT...Premium Progressive multifocal 299.90

or, choose **Thin-plastic clear lenses*:**

- LBT.....Single-vision, clear 159.80
- LCU.....Bifocal BF-28, clear 239.00
- LFN.....Standard Progressive multifocal 349.00
- LfV.....Premium Progressive multifocal..... 368.00

*The above thin-plastic lenses have a refraction index of 1.60, there are thinner lenses available, call for prices.

Step 2-A

Extra charges for plastic lenses:

(mandatory only if your glasses need these):

If you are ordering **rimless frames** that need to have holes drilled in the lenses, add this Drilling charge:

- RX-DR**...Lens drilling charge (pair) 49.50 pair

If you are ordering a **semi-rimless** frames that need grooves cut around the lenses, add this grooving charge:

- RX-G**...Grooving charge (pair) 24.90 pair

If your frame is a **wraparound**, that uses an 8 base lens, add this wraparound charge:

(8 base is not available in all lenses, call for availability)

- RX-BB**...Wraparound 8 base lens charge..... 59.90 pair

Over thickness charges (see page 56):

If your lenses show **6.00 or more** under the sphere column, add this

charge for each lens that goes over 6.00.

- RX-RS**...Over-thickness charge for the right lens 9.90
- RX-LS**...Over-thickness charge for the left lens..... 9.90

Step 3

If you want **Sunglasses** made from the clear **CR-39 plastic lenses** you chose, select the **color and density** you want:

Circle one in either **Dark, Medium or Light tint**, then choose the color;

Solid colors (tint is even from top to bottom of lenses): Other densities are available. The VLT (visible light transmission) is listed for group. Select the **darkness** first:

- Dark tints:** (16% VLT)
- Medium Tints:** (25% VLT)
- Light Tints:** (50% VLT)
- other** _____

then and Select a color:

- Grey, Kontraster, G-15 GreyGreen,
- Natural Green, Yellow (comes in light tints only),
- Softlight (comes in light tints only)

RX-WG....Solid color Tint charge, add this for any of the above colors..... **15.90**

If you prefer a Top-Gradient density tint (where the top of the lens is darker than the bottom). "T" is the VLT (visible light transmission) at the top of the lens, "C" is at the center, and "B" is at the bottom of the lens.

Select the **darkness** first:

- Top-Gradient Dark tint (10%T, 16%C, 32%B)
- Top-Gradient Medium tint (15%T, 25%C, 50%B)
- Top-Gradient Light tint (30%T, 50%C, 70%B)

Then choose the **color** you want:

- Grey, Kontraster, G-15 GreyGreen,
- Natural Green other _____

RX-WH...Top-Gradient density **19.90**

Step 4: for Plastic lenses

Optional Coatings for Plastic lenses:

Anti-reflection coatings for plastic

(see page 57 for descriptions)

- RX-WB**...Zeiss Gold ET Broadband coating for both sizes of clear lenses79.50
- RX-WD**...Zeiss coating for backside of sunglass lenses79.50
- RX-WA**...Crizal Broadband coating for both sides of clear lenses.....99.50
- RX-WA**...Crizal Broadband coating for backside of sunglass lenses99.50

Mirror coatings, Heavy or Flash

(see pages 56 & 57 for more detail)

- RX-MAP**...Silver mirror, full coverage89.90
- RX-MBP**...Gold mirror, full coverage89.90
- RX-MCP**...Silver Mirror, top-gradient density89.90
- RX-MDP**...Gold mirror, top-gradient density89.90
- RX-WC**...Scratch-resistant coating 14.90
- RX-Y**...Edge polishing..... 14.90
- RX-Z**...Ultraviolet coating for clear lenses 9.90
- RX-C**...Special combo offer--Scratch-resistant coating & Ultraviolet coating for clear lenses..... 19.90

other Prescription lens choices. . .

Many more prescription lenses are available, other than the ones shown in this catalog. If you don't see what you want on these 2 prescription pages, our master list is 96 pages long for prescription lens availability, this is just a *tiny* sample of what is available. Mind numbing choices.

Lens materials such as Trivex, lens coatings such as Crizal, Transitions of every kind, Digital lenses, and a host of others available. Only the popular lenses and coatings are listed here.

Some of the new digital progressive lenses require measurements and frame fitting by technicians. But we have them all to offer you. Call us at 318-641-7700 for more information.

Glass lens availability is getting more limited and expensive. . .

As glass lenses have gone down to only 3% of the prescription eyeglass market, our choice of glass lenses are gradually going away, a lot of glass lenses are no longer available. And, there's only a few Labs that even offer glass lenses. So, glass lenses normally take about twice as long or more to get. You can expect a two to three week wait for them, plus another couple of days for coatings such as Anti-Reflection coatings, Mirrors or Color coatings. "Fully-loaded" glass lenses with coatings can take 3 weeks to complete. With prescription glass lenses becoming such a tiny part of the optical industry, the prices have gone up significantly over the past 3 years, and it's getting worse every day.

We plan to continue providing them as long as they are available. It's ironic that glass non-prescription sunglasses dominate the non-prescription market, brands such as Ray-Ban, Serengeti, Randolph Engineering and a few others still sell a large number of them, we don't see that changing any time soon. Glass is still superior to plastic in clarity and filtration

Step 1 for ordering prescription lenses is on page 57 at the bottom, please provide your **prescription and Pupil Distance measurement**

If you want **GLASS** prescription lenses:

Step 2

Choose the glass lenses you want:

Choose clear Glass lenses: (per pair)

| | |
|---|--------|
| <input type="checkbox"/> LAA....Single-vision, clear..... | 129.90 |
| <input type="checkbox"/> LGD....Single-vision, Thin Glass, clear | 169.50 |
| <input type="checkbox"/> LET....Bifocal, Round 22, clear | 129.00 |
| <input type="checkbox"/> LAM....Bifocal, BF-25, clear | 129.90 |
| <input type="checkbox"/> LAN....Bifocal, BF-28, clear | 129.90 |
| <input type="checkbox"/> LAQ....Bifocal, BF-35, clear | 179.90 |
| <input type="checkbox"/> LBY....Trifocal, 7x35, clear | 229.90 |
| <input type="checkbox"/> LCG....Premium Progressive multifocal, clear | 259.00 |

or, choose Changeable glass lenses:

| | |
|---|--------|
| <input type="checkbox"/> LAH....Single-vision, Changeable Grey/Brown | 139.90 |
| <input type="checkbox"/> LAP....Bifocal, BF-28, Changeable Grey/Brown | 169.90 |
| <input type="checkbox"/> LAR....Bifocal, BF-35, Changeable Grey | 229.90 |
| <input type="checkbox"/> LFY....Trifocal, 7x28, Changeable Grey | 269.90 |
| <input type="checkbox"/> LBZ....Trifocal, 7x35, Changeable Grey..... | 329.00 |
| <input type="checkbox"/> LCJ....Progressive multifocal, Changeable Grey | 289.00 |

or, choose Polarized glass lenses: (12% VLT)

| | |
|--|--------|
| <input type="checkbox"/> LAJ...Single-vision Polarized Kontraster | 199.50 |
| <input type="checkbox"/> LAK...Single-vision Polarized Dark Grey | 199.50 |
| <input type="checkbox"/> LAV...Bifocal, BF-28, Polarized Dark Grey..... | 259.85 |
| <input type="checkbox"/> LAS...Bifocal, BF-28, Polarized Kontraster™ | 259.85 |
| <input type="checkbox"/> LAU...Trifocal, 7x28, Polarized Dark Grey | 329.90 |

or, choose Colored glass lenses:

| | |
|---|--------|
| <input type="checkbox"/> LAB...Single-vision, Dark Grey (16%)..... | 159.50 |
| <input type="checkbox"/> LAD...Single-vision, Kontraster™ (16%)..... | 169.50 |
| <input type="checkbox"/> LAL...Single-vision, Medium Kontraster (30%) | 159.50 |
| <input type="checkbox"/> LAC...Single-vision, G-15 GreyGreen (16%) | 189.90 |
| <input type="checkbox"/> LDR...Bifocal, BF-28, Dark Grey (16%) | 269.90 |
| <input type="checkbox"/> LFF...Bifocal, BF-35, Dark Grey (16%) | 279.00 |

Some glass lenses are not available as Colored Glass lenses, you can choose Color Coated clear glass lenses instead: Add 2 weeks more to processing time on these.

| | |
|---|--------|
| <input type="checkbox"/> LFG....Bifocal, BF-28, Kontraster color coated 20% | 249.00 |
| <input type="checkbox"/> LDT....Trifocal, 7x28, Dark Grey color coated (20%) | 259.00 |
| <input type="checkbox"/> LDH....Trifocal 7x28, Kontraster (20%) color coated | 259.00 |
| <input type="checkbox"/> LDV....Progressive multifocal, Kontraster color coated (20%) | 329.00 |
| <input type="checkbox"/> LFW....Progressive multifocal, Dark Grey color coated (20%) | 329.00 |
| <input type="checkbox"/> LFX....Progressive multifocal, G-15 color coated (20%) | 359.00 |

We need the P.D. measurement

(Pupil Distance) for all prescriptions

If it's not on your prescription, ask who ever made your glasses for it, they will have it on file.

Step 2-A

Extra charges for glass lenses:

(mandatory only if your glasses need these):

Over thickness charges (see page 45):

If your lenses show **5.00 or more** under the sphere column, add this charge for each lens that goes over 5.00.

RX-RS...Over-thickness charge for the right lens..... 9.90

RX-LS...Over-thickness charge for the left lens

If your frame is a **wraparound** that uses an 8 or 9 base lens, add this wraparound charge (limited choices):

(8 base is not available in all lenses, call for availability)

RX-BB...Wraparound lens charge

Note: The choice of glass wraparound lenses is nearly zero, except for clear glass, you may have to choose a color coating to be put on rather than the colored glass itself.

Step 3: for Glass lenses

Optional Coatings for Glass lenses:

(Coatings will add 2 weeks to delivery times)

Anti-reflection coatings for glass

(see page 57 for descriptions)

RX-WBG...Standard Zeiss Broadband coating for clear lenses, ET Gold..... 89.50

RX-WDG...Zeiss coating for back-side of sunglass lenses..... 89.50

Mirror coatings, Heavy or Flash

(see page 57 for more detail)

RX-MAG...Silver mirror, full coverage..... 99.90

RX-MCG...Silver Mirror, top-gradient density

RX-MCG...Silver Mirror, top-gradient density

Color coatings for Clear glass lenses:

Many glass lenses are not available with the color molded in the glass, so you can still have them with a color coating. Makes a nice even color on them. Just add this to any clear glass lens.

RX-GC...Solid Color coatings (Dark Grey, Kontraster™, or G-15) for clear glass lenses (give color) VLT is about 20%

RX-SCG...Top-Gradient Density coatings (Dark Grey, .. Kontraster, G-15) for clear glass lenses (give color) (VLT about 10%/21%/30%

See page 57 for details on these coatings.

One of the most important measurements in

making sure prescription lenses work properly is the

Pupil Distance measurement. . .

This is critical for proper operation of progressives lenses. Be sure to have the eye examiner provide you with the Pupil Distance before you leave their office, the more accurate this measurement is, the better the progressive lenses will work. The tolerance is + or - 1mm. **Do not attempt to make this measurement yourself for progressive lenses.**

Index . . .

| | |
|--|------------------------|
| Bifocal information | 53-54 |
| Bifocal Sunglasses, non-prescription | 38, 39 |
| Bolle Glacier frame and sunglasses | 9 |
| Bridges, strap | 43 |
| Cable temple sizing | "Actual size" photos |
| Carbon fiber sunglass..... | 19 |
| Carbon fiber frame..... | 27 |
| Carrying cases..... | 36, 39 |
| Cleaning cloth | 44 |
| Clip-on flip-up magnifier..... | 37 |
| Clip-on sunglasses | 4, 37 |
| Eyeglass cases..... | 36, 39 |
| Eyeglass leash | 36 |
| Fit-over sunshields | 36 |
| Guarantee..... | 55, 62 |
| Guide to selecting prescription lenses | 51 |
| Guide to selecting sunglasses | 44-49, 61 |
| How to order | 63 |
| Lens Light transmission chart | 61 |
| Lens options (prescription) | 56-59 |
| Lens selection chart | 61 |
| Magnifiers | 40 |
| Memory Metal Titanium frame | 32 |
| Metzler frames..... | 21, 30 |
| Military Issue sunglasses..... | 2-4 |
| Neck cords | 36 |
| Nikon frames | 22-25 |
| Nylon frame sunglasses | 9, 16, 17 |
| Non-prescription replacement lenses..... | 42 |
| Non-prescription reading lenses..... | 34 |
| Nose pads | 43 |
| Nose pad covers (boots) | 29 |
| Order blank (mail or fax) | 63 |
| PD measurement..... | 62 |
| Polarized non-prescription sunglass lenses can be installed in any frame..... | |
| Prescription information..... | 51-59 |
| Prescription lens pricing | 58, 59 |
| Pupil distance information | 62 |
| Randolph engineering | 2-8 |
| Ray-Ban..... | 10-15 |
| Ray-Ban parts..... | 15 |
| Reading glasses, ready to wear | 38-41 |
| Reader lenses only, glass and plastic | 34 |
| Removable bifocal stick-on lenses | 35 |
| Screwdrivers, eyeglass..... | 30, 31, 40, 43 |
| Serengeti sunglasses | 18 |
| Services we offer | 50 |
| Strap-bridges | 43 |
| Stick-on removable bifocal lenses | 35 |
| Temple locks..... | 12, 44 |
| "Try-on" program | 55 |
| Sunglasses w/polarizing lenses | throughout the catalog |
| Sunglass lens guide | 44-59 |
| Temple sizing pictures (Actual size of frames photos)..... | |

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Privacy statement . . .

We have a very simple rule concerning customer privacy, **we do not rent customer names to anyone**. You can be confident that your name is held in our computer and we are the only one who has access to it.

We find it extremely annoying to receive unsolicited e-mails, faxes, phone calls and mail—we know you do too.

Lens Transmission Chart > >

This chart is published for comparison purposes only. Manufacturers change specifications on **glass** lenses from time to time, and lenses sometimes change characteristics a little between batches, so the chart is almost never 100% accurate.

For **colored plastic** lenses the actual transmission may vary from the chart, on lenses that we tint ourselves we try to stick to the values listed. Other manufacturers' products may vary. These measurements are for lenses in this catalog only.

We use a Hoya ULT-2000 Light Transmittance meter to make our measurements. It measures the visible light in the 400 to 760nm range, the Ultraviolet in the 310 to 400nm range, and the Infrared in the 760 to 1200nm range.

Transmittance level is the amount of light that **passes through** the lens. A lens rated at 100% would **allow all** of the light to reach the eye, one rated at 0% would **block all** of the light.

The Visible light column provides an indication of the darkness of the lens. The **lower the number, the darker the lens**. A lens with a rating of 15% is twice as dark as a lens rated at 30%. Lenses with a 15% to 22% visible light rating seem to be the most comfortable.

The Ultraviolet light column lists how much UVB passes through the lens, lower numbers mean better protection.

The Infrared light column lists how much IR light passes through the lens, lower numbers mean more protection.

All of these measurements are made on **non-prescription lenses** with a center thickness of approximately 2 mm. These numbers will change dramatically on **glass prescription lenses** as the thickness increases.

Since **plastic lenses are tinted** near their surfaces only, the density of the lenses are not affected by thickness. The density will be even across the entire lens and close to the listed spec's.

Mirror coated lenses can vary considerably from the values shown in the chart. This process, because of "batch" processing where many lenses are coated at once, does not lend itself to always achieving the desired light transmission. That's why we do not guarantee the light transmission of any of our mirrored lenses.

Looking for Medical Help,

if you need reference material on almost any medical subject, the National Library of Medicine and National Institute of Health maintains an excellent website with lots of information about any health issue you can think of.

They have information about cataracts, macular degeneration, heart issues, knee problems, cancer, high blood pressure, exercise, etc. Take a look at it. www.nlm.nih.gov/medlineplus/ or you can just put medlineplus.gov in your search engine.

Doctors are getting too busy to spend time with you answering questions, and the worst thing about going to doctors is not knowing what questions to ask. Hopefully you will find the information you need to stay informed. This is not a commercial site. There are thousands of references to places like the Mayo Clinic and other well know medical specialty facilities to get the very best free information available.

www.nlm.nih.gov/medlineplus/

Lens Transmission levels

| Lens type | Light transmission (%) | | |
|--|------------------------|-------------|----------|
| | Visible | Ultraviolet | Infrared |
| Plastic lenses (constant density) | | | |
| Clear, untreated | 86 | 17 | 96 |
| Clear, with ultraviolet treatment | 85 | 1 | 94 |
| Dark Grey | 15 | 1 | 73 |
| Medium Grey | 30 | 2 | 79 |
| Kontraster™ | 15 | 1 | 71 |
| Medium Kontraster™ | 30 | 2 | 77 |
| Grey or Kontraster™ polarized | 14 | 1 | 69 |
| Softlight | 75 | 4 | 79 |
| Yellow | 75 | 1 | 94 |
| Kontraster™ top | 12 | 1 | 70 |
| or Dark Grey center | 16 | 2 | 71 |
| Top-Gradient density bottom | 30 | 2 | 77 |
| Medium Kontraster@ top | 16 | 2 | 71 |
| or Medium Grey center | 30 | 2 | 77 |
| top gradient-density bottom | 50 | 3 | 81 |
| Plastic lenses (variable density) | | | |
| Transitions™ grey light | 70 | 1 | 96 |
| dark | 17 | 1 | 96 |

Glass lenses (constant density)

| | Visible | Ultraviolet | Infrared |
|--------------------------|---------|-------------|----------|
| Clear glass | 93 | 64 | 93 |
| Kontraster™ | 17 | 1 | 5 |
| Dark Grey | 16 | 3 | 4 |
| Coppermax | 16 | 1 | 12 |
| Ray-Ban® G-15 | 16 | 1 | 9 |
| Dark Grey or Kontraster™ | | | |
| polarized glass | 12 | 1 | 67 |

Glass lenses (variable density)

| | | Visible | Ultraviolet | Infrared |
|---|-------|---------|-------------|----------|
| Changeable Dark Grey (PhotoGrey Extra™) | light | 85 | 7 | 83 |
| | dark | 30 | 3 | 58 |
| Photogray Thin & Dark | light | 85 | 7 | 58 |
| | dark | 17 | 1 | 35 |
| Serengeti® Driver | light | 26 | 5 | 45 |
| | dark | 12 | 2 | 35 |
| Serengeti® Driver | light | 28 | 6 | 60 |
| | dark | 14 | 2 | 37 |

Sunglass lens selection chart

How to use this chart

The left column lists the lenses, and the top of the chart shows the usage. To find the rating of the lens in the left column, just read across to the right until you come to the column that has the activity of interest, you'll find a number between 0 and 10 at the intersection.

A "10" indicates that this lens is the best choice for this activity, a "0" means that this is the worst choice for this activity. The numbers between 1 and 9 indicate the degree of usefulness, higher numbers being better suited to that purpose.

The chart is based on a combination of theory and experience. We listen to what customers tell us about their experiences, and combine some theory to come up with the guide.

Personal preference is still a big factor in lens selection, and there are situations where it will take more than one lens to do different jobs.

If you stick to the Dark Grey, G-15, Natural Green or Kontraster® for general purpose use, you can't go wrong. Remember, no one lens will do everything well, but the general purpose lenses come closest to being the best choice.

| Lens | Activity >>> | | | | | | | | | | | | | | | |
|--------------------------------------|--------------|--------|-------------------|-------------|-----------|-------------------|-------------|---------|-----------------|--------------|-----------|--------------|---------------|-------------------|----------------|---------------|
| | Driving | Flying | Boating & fishing | Snow skiing | Beach use | Mountain climbing | Backpacking | Hunting | Target shooting | Trap & Skeet | Bicycling | Motorcycling | Golf & Tennis | Interior lighting | Computer CRT's | Night Driving |
| Dark Grey, American Grey or G-15 | 10 | 10 | 10 | 10 | 10 | 10 | 10 | 5 | 5 | 5 | 10 | 10 | 10 | 0 | 0 | 0 |
| Medium Grey | 7 | 7 | 5 | 5 | 5 | 5 | 6 | 6 | 6 | 6 | 7 | 7 | 8 | 4 | 4 | 0 |
| Light Grey | 4 | 4 | 2 | 2 | 2 | 3 | 7 | 7 | 7 | 2 | 2 | 5 | 9 | 9 | 2 | |
| Dark Grey Top-gradient | 10 | 10 | 6 | 5 | 5 | 6 | 6 | 5 | 5 | 5 | 7 | 7 | 7 | 2 | 2 | 0 |
| Medium Grey Top-gradient | 10 | 10 | 4 | 4 | 4 | 4 | 5 | 6 | 6 | 6 | 6 | 6 | 6 | 3 | 3 | 0 |
| Light Grey Top-gradient | 5 | 5 | 2 | 2 | 2 | 2 | 3 | 7 | 7 | 7 | 5 | 5 | 5 | 7 | 7 | 2 |
| Kontraster™, Coppermax, or B-15 | 10 | 10 | 10 | 10 | 10 | 10 | 10 | 7 | 7 | 7 | 10 | 10 | 10 | 0 | 0 | 0 |
| Medium Kontraster™ | 7 | 7 | 5 | 5 | 5 | 5 | 6 | 7 | 7 | 7 | 7 | 7 | 8 | 4 | 4 | 0 |
| Light Kontraster™ | 4 | 4 | 2 | 2 | 2 | 2 | 3 | 7 | 7 | 7 | 2 | 2 | 5 | 10 | 10 | 2 |
| Kontraster™ Top-gradient | 10 | 10 | 6 | 6 | 6 | 6 | 7 | 6 | 6 | 6 | 6 | 6 | 7 | 2 | 2 | 0 |
| Medium Kontraster™ Top-gradient | 7 | 7 | 4 | 4 | 4 | 4 | 5 | 7 | 7 | 7 | 6 | 6 | 6 | 4 | 4 | 2 |
| Light Kontraster™ Top-gradient | 5 | 5 | 2 | 2 | 2 | 2 | 3 | 9 | 9 | 9 | 5 | 5 | 5 | 10 | 10 | 3 |
| Dark Grey or Kontraster™ Polarized | 9 | 0 | 10 | 0 | 10 | 10 | 9 | 8 | 8 | 8 | 10 | 0 | 8 | 0 | 0 | 0 |
| Softlight | 2 | 2 | 0 | 0 | 0 | 2 | 3 | 5 | 5 | 5 | 0 | 0 | 0 | 10 | 10 | 10 |
| Yellow | 2 | 2 | 2 | 2 | 2 | 2 | 3 | 9 | 10 | 10 | 3 | 3 | 3 | 10 | 10 | 10 |
| Changeable Grey glass | 7 | 6 | 5 | 5 | 5 | 5 | 6 | 7 | 7 | 7 | 7 | 7 | 7 | 9 | 9 | 6 |
| Corning SunSensor® Changeables | 7 | 6 | 5 | 5 | 5 | 5 | 6 | 7 | 7 | 7 | 7 | 7 | 7 | 9 | 9 | 6 |
| Serengeti® Drivers Changeable Copper | 9 | 9 | 8 | 8 | 9 | 9 | 9 | 8 | 7 | 7 | 9 | 9 | 9 | 0 | 0 | 0 |
| Copper tints on plastic lenses | 9 | 9 | 8 | 9 | 9 | 8 | 8 | 7 | 7 | 7 | 9 | 9 | 9 | 4 | 4 | 2 |
| Rose Colored Double Gradient lenses | 10 | 10 | 10 | 10 | 9 | 9 | 9 | 6 | 7 | 7 | 9 | 9 | 8 | 0 | 0 | 0 |

How to ORDER

By PHONE—We take phone orders between 9 AM & 1 PM Central time, Monday thru Thursday, closed Fridays, weekends and holidays.

Call **1-800-786-2021**. Please have your VISA, MasterCard, American Express or Discover card handy so you'll have your account number and expiration date available. We call the credit card companies for approval/shipping address verification on all orders. We need your billing and shipping address, and a phone number that you can be reached at during the day. If you are placing an order for prescription glasses, be sure you have your current prescription and your P.D. measurement (we can not make prescription lenses without your Pupil Distance measurement).

Please give us the catalog number you're ordering from (it can be found front and back cover), and your customer number if you know it (located above your name on the catalog mailing label).

By MAIL: fill out the order blank, include your ship-to address and home address, send check, money-order or use your Visa, MasterCard, American Express or Discover charge card. Carefully copy all of the numbers on your card and be sure to include the expiration date, and your billing address if it is different than your shipping address. We call the credit card companies for approval and address verification on all charge card orders.

If the order blanks are all gone, you can write your order on a piece of paper—just include your name, shipping address, phone number, catalog number you're ordering from (listed on front & back covers) and write the part numbers and prices of what you want. Add the shipping charges (listed below) and sales tax if you are in Louisiana.

By email: You can also order by email, just send us an order. For security purposes don't send your whole credit card number on one email. Send half of it on one email and the other half on another email.

Internet orders: You can order via the internet on our website at www.hidalgos.com. If you can't find what you want on our website you can order by one of the other methods mentioned above.

By FAX machine—if you have a FAX machine, have it dial 1-318-641-9700 to connect with our FAX machine. FAX is available 24 hours a day, 7 days a week.

Our shipping time is 1 PM central time, weekdays. If your order is received and in our computer by that time, it will be shipped that day. Exceptions; prescription glasses, custom-made items, earpiece changes, and out-of-stock items.

We must have an accurate P.D. measurement to make any prescription lenses, no exceptions. If you've ordered prescriptions from us before, we have it on file.

Pupil Distance measurements

One of the most important measurements we **always need** for prescription glasses is the **Pupil Distance** measurement, or the "PD" as we call it in the trade. This is simply the **distance between your two pupils**. We must know this distance so we can center the lenses directly in front of your pupils when we make them.

When you are looking at something **far away** (10 feet or more), your pupils are at their **maximum width**, we call this the "**Far**" PD measurement.

When you look at something close up, your eyes cross a little (about 3mm), this is when your pupils are at their **minimum width**, this is the "**Near**" PD measurement.

It would generally be written as, for example; PD = 67/64. This means that the "Far" PD is 67mm, and the "Near" PD is 64mm.

If you are ordering bifocals or progressives, **we must have a very accurate PD measurement** so that we can grind the lenses to the correct optical center. This is a **very critical measurement for Progressives. It must be accurate to within 1mm. We strongly urge you to get your examiner to take this measurement and write in down on your prescription, many examiners will not make this measurement unless you ask them. We can not make prescription lenses**

Orders received after 1 PM central time will be shipped the next business day. No shipments made on weekends.

Prescription glasses; with plastic lenses normally take one week to process, add 3 more days for coatings. With Glass lenses they take 2 weeks or more, plus 3 more days for coatings.

Shipping and handling charges; for U.S., Hawaii, Alaska and Puerto Rico—U.S. Postal service First-class mail, shipping and handling charge is \$6.90. Normal delivery time is 2 to 6 days.

Shipping and handling charges for 'Fast Delivery'; for U.S., Hawaii, Alaska and Puerto Rico—if you want faster delivery, use Priority Mail (2 or 3 day delivery) cost is \$9.90

Other shipping methods: If you want delivery by other methods like Federal Express or other overnight carriers, we can quote you shipping and handling charges.

Canadian, Mexican or Foreign orders: we no longer ship to any Foreign countries. Sorry.

Your Guarantee

We offer a 30 day money-back guarantee, this means that if you are not satisfied with anything you buy from us, you have 30 days from our shipping date to return it for a refund (less shipping charges). See prescription section for guarantees on prescription glasses.

Guarantees do not apply to damaged (Warranty) or abused merchandise. For a refund under our guarantee the merchandise must be in new (re-sellable condition) with all the warranty cards and instructions and box it was sent in.

No adjustments can be made after 30 days from our original shipping date.

Warranties

Warranties on defective merchandise is the responsibility of the manufacturer. Warranty period for merchandise varies from 30 days to one year. If you have any doubts, just call us.

Warranty repairs or replacements are for the original purchase only, replacements under warranty carry no guarantee or warranty.

Frame Repair

We do not make frames repairs ourselves, we send repair jobs to an outside vendor who specializes in frame repair. The cost of frame repairs are a flat \$39.90 for most metal frames, or \$59.90 for Titanium frames, plus shipping. It usually takes 12 to 18 working days.

without the PD measurement.

If you have ever had prescription lenses made, the supplier that made your glasses has this measurement. It does not change, it stays the same forever. So if you can find it on an old prescription, or call a shop that made you a pair of glasses, they have it in their file.

The best way to make sure that the examiner writes the PD measurement on your prescription is to inspect the prescription when they hand it to you to verify that it is there. If it isn't, ask them to write it down.

If they give you any problem, which most honorable shops won't, don't pay for the exam until you have the PD.

It is a Federal Law that they are required to give you a complete prescription after an eye exam before you leave their office.



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Add only **one** of the following charges for domestic (U.S.) shipping:
For most items like sunglasses and prescription glasses, single or multiple pairs, there is only one flat charge, if you order one pair or a dozen, shipped by US Postal Service---
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or Priority Mail--2 to 3 day delivery (tracking is provided.....9.90 free on priority mail shipments)

or, if you are ordering very lightweight items only----
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Due to the ever rising cost of overnight shipping---call for a quote. We will charge the actual cost of shipping--the minimum is running over \$42.00 at this printing. 2 or 3 day shipping is also available for about one half that cost or less.

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Catalog 153
2014

We're trying to control the cost of printing this catalog. . .

the new size will save us a lot on postage. If you prefer to order on our web site you can help us save some money by sending us an email or fax and request that you be removed from the **catalog mailing list**.

As the website nears completion, we will reduce the number of catalogs we mail out to 2 per year.

We removed the Sunglass Lens Guide to save some on printing, but retained the selection chart and Lens transmission charts.

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