

# Blasting and Grinding Respirators



## What are Blasting and Grinding Respirators?

Bullard has been a leader in the abrasive blasting and grinding industry since the 1930s, with the development of the supplied air abrasive blasting respirator for the construction of the Golden Gate Bridge. Since then, Bullard has continued to develop respiratory protection products for not only abrasive blasters, but many other applications including grinding, painting, welding, and chemical handling.

### Abrasive Blasting

Abrasive blasting respirators are defined as Type CE by NIOSH according to 42CFR84 as follows:

#### 84.130 Supplied-air respirators; description.

(f) "Type "CE" supplied-air respirators. A type "C" supplied-air respirator equipped with additional devices designed to protect the wearer's head and neck against impact and abrasion from rebounding abrasive material, and with shielding material such as plastic, glass, woven wire, sheet metal, or other suitable material to protect the window(s) of facepieces, hoods and helmets which do not unduly interfere with the wearer's vision and permit easy access to the external surface of such window(s) for cleaning."

Both the 88VX and the GenVX® are NIOSH approved as continuous flow Type C and Type CE abrasive blasting respirator, complete with a durable cape to protect the wearer's head and neck against abrasive rebound, as well as a durable helmet which meets the ANSI/ISEA Z98.1-2014, Type I, head protection standard requirements. The helmet has both an inner lens and an outer lens to meet the requirements of 42CFR.130 explained above. Both the GenVX® and the 88VX and GenVX® have independent 3rd party data to support 1000 APF.

### Grinding

Bullard was one of the first to offer a hood-style respirator designed specifically with grinding operations in mind. The GR50 is lightweight and fully protective with a Nomex® outer hood, flame retardant inner bib, and the ability to integrate a hard hat.

### Solutions

Whether blasting or grinding, Bullard can provide the appropriate respiratory protection.



# GenVX® Series Airline Respirator

## The next generation of blasting.

The GenVX is the newest blasting helmet from Bullard, providing users with the industry's lightest, coolest, most comfortable, and most dependable helmet on the market for abrasive blasters and painters.

The GenVX Series airline respirators are approved by NIOSH (TC-19C-0489, TC-19C-0491, TC-19C-0492, TC-19C-0493, TC-19C-0494, TC-19C-0495, TC-19C-0496, Type C and CE) to provide respiratory protection in general purpose applications including heavy- and light-duty abrasive blasting, and Type C and CE painting applications.

## Superior Protection and Comfort

The GenVX offers superior protection to workers who are exposed to the harsh environments of blasting and painting. It is a full pound lighter than competitive products and offers the most cooling options for added comfort. Constructed from High-Density Polyethylene (HDPE) for superior strength, the sleek design of the GenVX allows air to pass directly over the user's head, providing greater air flow and improved cooling.

The helmet offers launderable, removable, and adjustable cheek pads for increased comfort and stability and a "Grit Guard" visor that keeps debris out of the lens. The GenVX is equipped with a six-point suspension, wide 1" straps for maximum comfort and a ratchet knob for easy adjustments. The center breathing tube connection provides greater balance to the user.

## Dependable

Third-party 1,000 Assigned Protection Factor (APF) data and ANSI/ISEA Z89 Head Protection and High-Impact Z87+ Face Protection ratings make the GenVX the most dependable blast helmet available on the market.



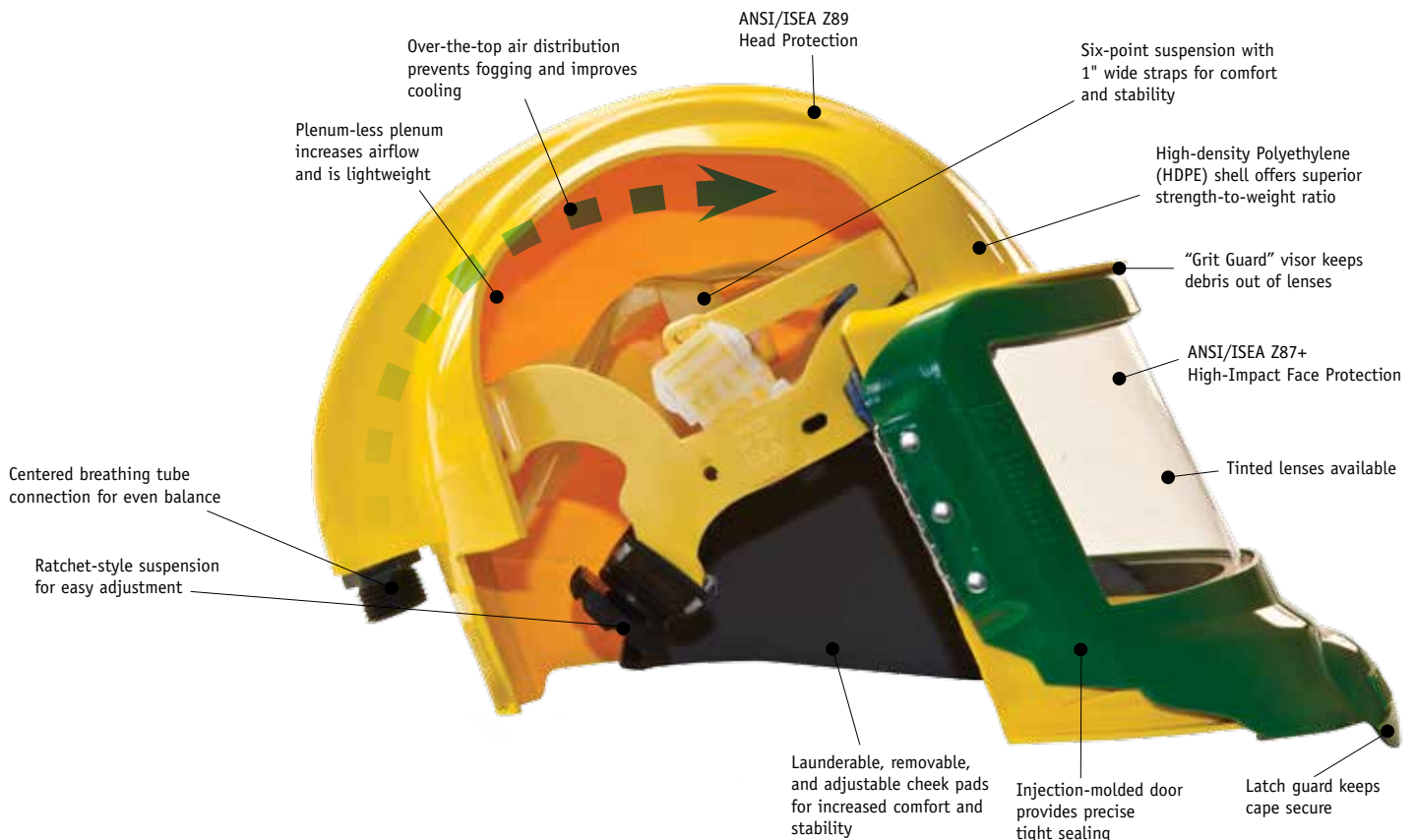
# GenVX®

# GenVX<sup>®</sup> Series Airline Respirator

| Technical Specifications                                  |  |                                   |                |
|---|--|-----------------------------------|----------------|
| <b>Regulatory</b>   |  | <b>Lens System</b>                |                |
| Assigned Protection Factor (APF)                          | 1,000<br>(third party tested)          | Viewing area                      | 4" x 9.75"     |
| ANSI/ISEA Z89.1-2014, Type I, Class C                     |  | Inner lens                        | .040" Tritan™* |
| ANSI/ISEA Z87.1-2015, Z87+<br>High-Impact Face Protection |  | Outer lens                        | .015" PETG     |
| <b>Helmet</b>   |  | <b>Capes</b>                      |                |
| Material  | High-density Polyethylene shell & door | 8 oz. Nylon Denier                |                |
| Weight  | 2.39 lbs.                              | Continuous steel cable attachment |                |
| <b>Suspension</b>   |  | 28" standard                      |                |
| 6-pt. Flex-Gear <sup>®</sup> Ratchet                      |  | Third hand for easy installation  |                |
| Adjustable to fit sizes 6.5-8                             |  |                                   |                |
| 1" wide nylon webbing                                     |  |                                   |                |

\* Impact- and chemical-resistant faceshield

† Other thicknesses and tints available



# GenVX® Series Airline Respirator

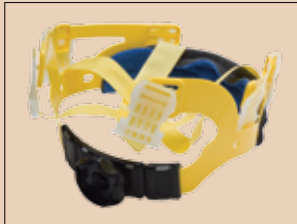
## GenVX® Series Airline Respirator Selection Chart

### 1. GenVX® Hood



- **Oval Window** (Standard)

### 2. Choose Suspension



- **GVXRT & GVXPL** - Adjustable Flex-Gear® Ratchet Headband Suspension

### 3. GenVX® Breathing Tube



- **GVXBT** - Flow control not included

### 4. Choose Flow control



- **F30, F30B, F30S** Constant Flow control Valve, 1/4" Industrial Interchange
- **F31** - Schrader
- **F32** - Snap-Tite Steel
- **F33** - Snap-Tite Brass
- **F34** - Snap-Tite Stainless
- **F37** - CEJN
- **F38** - Bayonet Steel



- **F35, F35B**, for Free-Air® Pumps Constant Flow control Valve, 1/2" Industrial Interchange

### 4. Choose Flow control continued...



#### 1/4" Adjustable Flow

- **F40, F40B, F40S** - Industrial Interchange (Hansen Compatible)
- **F41** - Schrader
- **F42** - Snap-Tite Steel
- **F43** - Snap-Tite Brass
- **F44** - Snap-Tite Stainless
- **F47** - CEJN
- **F48** - Bayonet Steel



#### Cool Tubes for Compressed Air (Metal)

- **AC100030, AC100030B, AC100030S** - 1/4" Industrial Interchange (Hansen Compatible)
- **AC100031** - Schrader
- **AC100032** - Snap-Tite Steel
- **AC100033** - Snap-Tite Brass
- **AC100034** - Snap-Tite Stainless
- **AC100037** - CEJN
- **AC100038** - Bayonet Steel



#### Cool Tubes for Free-Air® Pumps

- (ADP20, EDP30 and ICE Pumps)
- **FRIGITRON2000** 1/2" Industrial Interchange (Hansen Compatible)
- **FRIGITRON2000B** Brass



#### Cool Tubes for Compressed Air (Plastic)

- **CT30, CT30B, CT30S** 1/4" Industrial Interchange
- **CT30SW, CT30BSW, CT30SSW** 1/4" Industrial Interchange (Hansen Compatible) with Dynaswivel fitting
- **CT31** - Schrader
- **CT32** - Snap-Tite Steel
- **CT33** - Snap-Tite Brass
- **CT34** - Snap-Tite Stainless
- **CT37** - CEJN
- **CT38** - Bayonet Steel



#### Hot/Cold Tubes for Compressed Air (Plastic)

- **HCT30, HCT30B, HCT30S** 1/4" Industrial Interchange
- **HCT30SW, HCT30BSW, HCT30SSW** 1/4" Industrial Interchange with Dynaswivel fitting (Hansen Compatible)
- **HCT31** - Schrader
- **HCT32** - Snap-Tite Steel
- **HCT33** - Snap-Tite Brass
- **HCT34** - Snap-Tite Stainless
- **HCT37** - CEJN
- **HCT38** - Bayonet Steel



#### Hot/Cold Tubes for Compressed Air (Metal)

- **HC240030, HC240030B, HC240030S** 1/4" Industrial Interchange (Hansen Compatible)
- **HC240031** - Schrader
- **HC240032** - Snap-Tite Steel
- **HC240033** - Snap-Tite Brass
- **HC240034** - Snap-Tite Stainless
- **HC240037** - CEJN
- **HC240038** - Bayonet Steel

### 5. Choose Cape



- **28VX** - 28" Nylon Cape
- **38VX** - 38" Nylon Cape



- **GGVX** - 38" "Golden Gate" Nylon Cape



- **PKVX** - 38" Nylon Parka
- **PKVXLVX** - 38" Extra Large Nylon Parka

### 6. Choose Cooling Vest



- **DC70ML** - Med/Lg Cool Vest
- **DC70LXXL** - XL/XXL Cool Vest
- **DC705X** - 5XL Cool Vest

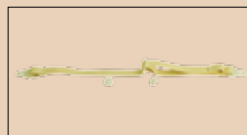


- **DC5040** - Dual-Cool Industrial Interchange
- **DC5041** - Dual-Cool Schrader
- **DC5042** - Dual-Cool Snap-Tite Steel
- **DC5044** - Dual-Cool Snap-Tite Stainless
- **DC5047** - Dual-Cool CEJN

### 7. Choose Belt and/or Accessories



- **4612** - Nylon Belt



- **GVXCS** - Chinstrap



- **GVXLC** - Adhesive Mylar® Lens Cover

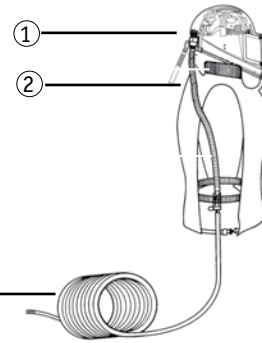


- **GVXCP** - Cheek Pads, Pair

# GenVX® Series Airline Respirator

A complete GenVX® Series Airline Respirator consists of the following three components:

1. Respirator Helmet and Cape
2. Breathing Tube with Fitting or Optional Climate Control Assembly
3. Breathing Air Supply Hose





All three Bullard components must be present and properly assembled to constitute a NIOSH-approved respirator.

Approval No. TC-19C-0489, TC-19C-0491, TC-19C-0492, TC-19C-0493, TC-19C-0494, TC-19C-0495, TC-19C-0496, Type C and CE, Continuous Flow Class

## GenVX® Series Respirator Assemblies for use with Compressed Air

Respirators with 28VX Nylon Cape – 28" Length

-  **GVX2830** F30 Constant Flow 1/4" Industrial Interchange Fitting
-  **GVX2830CT** CT30 Cool Tube 1/4" Industrial Interchange Fitting
- GVX2830AC1000** AC1000 Cool Tube 1/4" Industrial Interchange Fitting
- GVX2830HCT** HCT30 Hot/Cold Tube 1/4" Industrial Interchange Fitting
- GVX2830HC2400** HC2400 Hot/Cold Tube 1/4" Industrial Interchange Fitting
- GVX2840** F40 Adjustable Flow 1/4" Industrial Interchange Fitting
- GVX2831CT** CT31 Cool Tube 1/4" Schrader Fitting
- GVX2831AC1000** AC100031 Cool Tube 1/4" Schrader Fitting

All systems above include:

- Breathing tube assembly (GVXBT)
- Inner and outer lens with Mylar® lens cover
- Chinstrap (GVXCS)



**GVX2830**

### Best Seller

Respirators with 38VX Nylon Cape – 38" Length

- GVX3830** F30 Constant Flow 1/4" Industrial Interchange Fitting
- GVX3830CT** CT30 Cool Tube 1/4" Industrial Interchange Fitting
- GVX3830AC1000** AC1000 Cool Tube 1/4" Industrial Interchange Fitting
- GVX3830HCT** HCT30 Hot/Cold Tube 1/4" Industrial Interchange Fitting
- GVX3830HC2400** HC2400 Hot/Cold Tube 1/4" Industrial Interchange Fitting
- GVX3840** F40 Adjustable Flow 1/4" Industrial Interchange Fitting

All systems above include:

- Breathing tube assembly (GVXBT)
- Inner and outer lens with Mylar® lens cover
- Chinstrap (GVXCS)



**GVX3830CT**

Respirators with PKVX Hibernia Parka (Tan) – 38" Length

- GVXPK30** F30 Constant Flow 1/4" Industrial Interchange Fitting
- GVXPK30CT** CT30 Cool Tube 1/4" Industrial Interchange Fitting
- GVXPK30XLCT** GVX3830CT with Extra-Large Parka
- GVXPK30AC1000** AC1000 Cool Tube 1/4" Industrial Interchange Fitting
- GVXPK30HCT** HCT30 Hot/Cold Tube 1/4" Industrial Interchange Fitting
- GVXPK30HC2400** HC2400 Hot/Cold Tube 1/4" Industrial Interchange Fitting
- GVXPK40** F40 Adjustable Flow 1/4" Industrial Interchange Fitting

All systems above include:

- Breathing tube assembly (GVXBT)
- Inner and outer lens with Mylar® lens cover
- Chinstrap (GVXCS)



**GVXPK30**



# GenVX® Series Airline Respirator

## GenVX® Series Respirator Assembly for use with Bullard Free-Air® Pumps

Complete Respirator Work Systems

**GVXSYS** GVX2835 Respirator with 28VX Nylon Cape – 28" length  
ADP20 Free-Air® Pump  
V2050ST Air Supply Hose  
FRIGITRON2000 climate control device



**GVXSTS16TE** GVX2835 Respirator with 28VX Nylon Cape – 28" length  
EDP16TE Free-Air® Pump  
V2050ST Air Supply Hose



**GVXICESYS** GVX2835 Respirator with 28VX Nylon Cape – 28" length  
ICEPUMP11 Pump  
V20100ST Air Supply Hose  
FRIGITRON2000 climate control device

All systems above include:

- Breathing tube assembly with F35 Constant Flow  
1/2" Industrial interchange quick-disconnect fitting
- Inner and outer lens with Mylar® lens cover (package of five)
- Chinstrap (GVXCS)



# GenVX® Series Airline Respirator

GenVX® Series Respirator Assembly for use with Bullard Free-Air® Pumps

## Respirator Assemblies

**GVX2835** Respirator with 28VX Nylon Cape – 28" length

- Breathing tube assembly with F35 Constant Flow  
1/2" Industrial interchange quick-disconnect fitting
- Inner and outer lens with Mylar® lens cover (package of five)
- Chinstrap (GVXCS)



**GVX3835** Respirator with 38VX Nylon Cape – 38" length

- Breathing tube assembly with F35 Constant Flow  
1/2" Industrial interchange quick-disconnect fitting
- Inner and outer lens with Mylar® lens cover (package of five)
- Chinstrap (GVXCS)



**GVXPK35** Respirator with PKVX Nylon long sleeve parka – 38" length

- Breathing tube assembly with F35 Constant Flow  
1/2" Industrial interchange quick-disconnect fitting
- Inner and outer lens with Mylar® lens cover (package of five)
- Chinstrap (GVXCS)



# GenVX® Series Airline Respirator

## GenVX® Series Replacement Valves for Breathing Tube Assemblies for use with Compressed Air

F30

Constant Flow control

- 1/4" Industrial Interchange (Hansen Compatible) quick-disconnect flow control
- Threaded hose connector
- Nylon belt (4612)



F31

Constant Flow control

- 1/4" Schrader quick-disconnect flow control
- Threaded hose connector
- Nylon belt (4612)



F32

Constant Flow control

- 1/4" Snap-Tite steel quick-disconnect flow control
- Threaded hose connector
- Nylon belt (4612)



F33

Constant Flow control

- 1/4" Snap-Tite brass quick-disconnect flow control
- Threaded hose connector
- Nylon belt (4612)



F37

Constant Flow control

- 1/4" CEJN steel quick-disconnect flow control
- Threaded hose connector
- Nylon belt (4612)



F38

Constant Flow control Valve

- 1/4" Bayonet steel quick-disconnect flow control
- Threaded hose connector
- Nylon belt (4612)
- No ball bearings to clog with grit

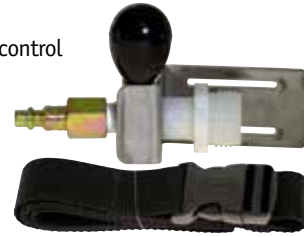




# GenVX® Series Airline Respirator

## GenVX® Series Replacement Valves for Breathing Tube Assemblies for use with Compressed Air

- F40** Adjustable Flow control
- 1/4" Industrial Interchange (Hansen Compatible) quick-disconnect flow control
  - Threaded hose connector
  - Nylon belt (4612)



- F41** Adjustable Flow control
- 1/4" Schrader quick-disconnect flow control
  - Threaded hose connector
  - Nylon belt (4612)



- F42** Adjustable Flow control
- 1/4" Snap-Tite steel quick-disconnect flow control
  - Threaded hose connector
  - Nylon belt (4612)



- F47** Adjustable Flow control Valve
- 1/4" CEJN stainless steel quick-disconnect flow control
  - Threaded hose connector
  - Nylon belt (4612)



## GenVX® Series Replacement Valves for Breathing Tube Assemblies for use with Bullard Free-Air® Pumps

- F35** Constant Flow control
- 1/2" Industrial Interchange (Hansen Compatible) quick-disconnect flow control
  - Threaded hose connector
  - Nylon belt (4612)



# GenVX® Series Airline Respirator

## GenVX® Series Replacement Capes

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**28VX**

28" Length Nylon Cape (Tan)

- Includes snap hooks
- Includes breathing tube straps
- Includes additional nylon liner in neck cuff area
- Includes 3rd hand tab assist



**Best Seller**

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**38VX**

38" Length Nylon Cape (Tan)

- Includes snap hooks
- Includes breathing tube straps
- Includes additional nylon liner in neck cuff area
- Includes 3rd hand tab assist



**GGVX**

38" Length "Golden Gate" Nylon Cape (Tan)

- Includes Cinch Straps/Fabric Ties
- Includes breathing tube straps
- Includes additional nylon liner in neck cuff area
- Includes 3rd hand tab assist



**PKVX**

38" Length Hibernia Parka (Tan)

**PKXLVX**

38" Length Hibernia Parka Extra-Large Size (Tan)

- Includes breathing tube straps
- Includes additional nylon liner in neck cuff area
- Includes 3rd hand tab assist



**PKVX**

# GenVX® Series Airline Respirator

## GenVX® Series Replacement Parts

4612 Nylon Belt



GVXBT Breathing Tube  
• Flow control device not included



GVXCT Breathing Tube Connector Kit  
• Coupling Connector  
• Foam airline plug



GVXBTW Breathing Tube Washer  
• (10 pack)



RBPCOTTON Replacement Brow Pad, Cotton  
• Absorbent cotton replacement brow pad  
• Fits all Bullard suspensions  
• Easy, Velcro® design



RBPVINYL Replacement Brow Pad, Vinyl  
• Vinyl replacement brow pad  
• Fits all Bullard suspensions  
• Easy, Velcro® design



RBPCOOL Replacement Brow Pad, Cooling  
• Polartec replacement brow pad  
• Wicking material moves sweat away from the worker's brow  
• Fits all Bullard suspensions  
• Easy, Velcro® design



# GenVX® Series Replacement Parts and Accessories

**GVXRT** Adjustable Ratchet Six-Point Flex-Gear® Headband Suspension  
• Cotton Brow Pad



**GVXPL** Adjustable Pinlock Six-Point Headband Suspension  
• Cotton Brow Pad



**GVXCS** Elastic Chinstrap  
• For use with GenVX® Series only  
• 10 per package



**GVXCA** Replacement Carrying Strap



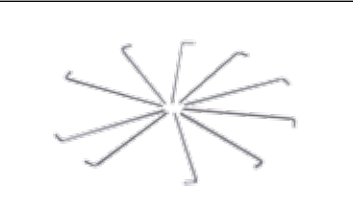
**GVXDMK** Maintenance Kit – Door/Gasket  
• Includes GenVX® Series door with gasket, inner lens and hinge pin in a kit ready for mounting



**GVXIG** Inner Gasket



**GVXHP** Replacement Hinge Pins for GenVX® Door Frame  
• 10 per package



**GVXCP** Replacement Cheek Pads  
• One pair per package  
• Velcro® attachment straps included



# GenVX® Series Replacement Parts and Accessories

GenVX® Series Mylar® Lens

- GVXLC** Adhesive-backed Mylar® Lens Cover
- Clear
  - 25 per package



## GenVX® Series Replacement Lenses

### Inner Lens

Tritan, For Use with GenVX® Series

- GVXIL**
- 25 per package
  - .040" thick

- BGVXIL**
- Eight packages of 25
  - .040" thick



### Outer Lenses

PETG, For Use with GenVX® Series

- GVXOL40**
- 25 per package
  - .040" thick

- BGVXOL40**
- Eight packages of 25
  - .040" thick

- GVXOL15**
- 50 per package
  - .015" thick

- BGVXOL15**
- Ten packages of 50
  - .015" thick



Tritan, For Use with GenVX® Series

- GVXOLT**
- 25 per package
  - Tinted Lens, Smoke
  - .030" thick

Acetate, For Use with GenVX® Series

- GVXOLG**
- 25 per package
  - Tinted Lens, Green
  - .042" thick



Smoke

Green

