

WWW. CHEMICALHOSE.COM CATALOG | 2020



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The official launch of www.ChemicalHose.com occured on August 17th of 2020. Although it is a new brand in the marketplace, our roots are planted deep in industrial hose distribution. Since our doors opened for the first time in 1948, we have served chemical and industrial customers with service excellence in South Carolina as Cline Hose & Hydraulics, LLC. With decades of experience - you can rest assured that we are only a click away when it comes to sharing our abundant field knowledge with you to ensure you get the right hose every time. In short - We truly look forward to earning your trust and becoming a valued partner to your operation.



877.840.7093





WE ARE EASY TO DO BUSINESS WITH

This short statement encapsulates all of who we are as a company. We strive to create a seamless, straight-forward and uncomplicated buying experience for chemical company team members.







THE CUSTOMER COMES FIRST

Years of experience serving the chemical industry has given us the experience we need to be a thorough, on-source solution for all of your chemical hose needs. The easy-to-use website caters to anyone that deals with chemical hoses directly or indirectly such as purchasing agents, maintenance personnel, application engineers and more.

HOW HAVE WE LEVERAGED THAT EXPERIENCE?

- We became a centralized source that is capable of meeting high-demand, nationwide distribution.
- We have added the most capable, high quality products available to the market.
- We are a Continental STAR distributor, which means all of our hose assemblies are UL rated and meet rigorous standards to ensure that they are the highest quality conveyance tools you can buy.
- We have streamlined the purchasing process requesting an order acknowledgement, an update, or a tracking number is a thing of the past! We automate this process within 1-2 minutes after your order enters our system.
- We provide a world class- user experience whether you are configuring a hose on our state-of-the-art build your own assembly feature, using the helpful tools in our buyer's portal, or placing an order, you are in full control.

877.840.7093





A PURCHASING EXPERIENCE WHERE YOU HAVE CONTROL.

BUYERS PORTAL - Our buyers portal puts gives you access to a series of helpful tools designed to enhance your shopping experience.



















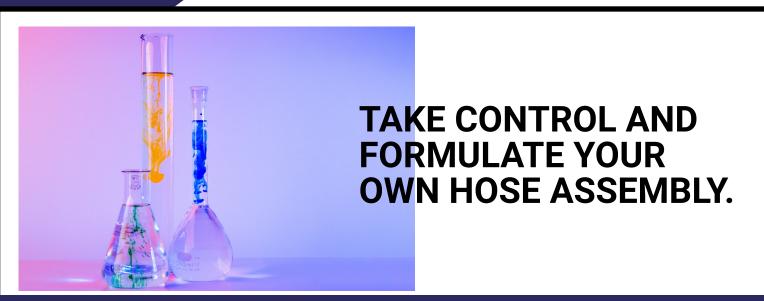
Our Hose Chemical Compatibility tool allows you to see how our products perform with the chemicals you use.

Not all hoses are the same, but they do share materials that are built to withstand use in a variety of applications. Our cross reference tool lets you find your current hose setup and replaces it with our equivalent hose.

Ontinental 5 OPEN CONTINENTAL CROSS REFERENCE▼	ALFAGOMMA OPEN ALFAGOMMA CROSS REFERENCE	EATON BOSTON OPEN BATON/BOSTON CROSS REFERENCE
GATES OPEN GATES CROSS REFERENCE	GREENLINE OPEN GREENLINE CROSS REFERENCE	JASON OPEN JASON CROSS REFERENCE ✓
KANAFLEX OPEN KANAFLEX CROSS REFERENCE	KURIYAMA OPEN KURIYAMA CROSS REFERENCE	NOVAFLEX OPEN NOVAFLEX CROSS REFERENCE
PACIFIC ECHO OPEN PACIFIC ECHO CROSS REFERENCE	PARKER TITAN OPEN PARKER/TITAN CROSS REFERENCE >	TEXCEL OPEN TEXCEL CROSS REFERENCEY







UL RATED HOSE ASSEMBLIES, BUILT TO YOUR SPECIFICATIONS.

Our state-of-the-art, build a custom hose assembly feature gives you full control of the way your hose is fabricated. Give us the specifications, we'll do the rest.





\$410.91		
STEP 1: CHO OVERALL LE	OSE HOSE SIZE (I.D.) & NGTH (FEET)	ENTER
CHOOSE HOSE S	IZE (I.D.) & ENTER OVERALL I	ENGTH
1" Continental Vers	achem Hose Per Foot +\$13.09	~
Enter Overall Length	20	
FIRST FITTING *		
Female Camlock 3	16 SS +\$77.48	~
Female Camlock 3		~
	i •	·
SECOND FITTING Male Camlock 316 STEP 3: CON	i •	~
Male Camlock 316 STEP 3: CON CONFIRM FITTIN CHARGE	SS+S54.63	~
Male Camlock 316 STEP 3: CON CONFIRM FITTIN CHARGE*	SS+854.63 FIRM ASSEMBLY G COMBINATION & ASSEMBLY	v v



FDA . USDA



CONTINENTAL | VERSACHEM

AVAILABLE AS A HOSE ASSEMBLY OR IN BULK

UHMWPE

CONSTRUCTION TUBE

Ultra-High Molecular Weigth Polyethylene, also known as Pliosyn - inner lining with black conductive stripe, compliant to USDA, FDA standards.

EPDM

OUTER COVER

REINFORCEMENT

Spiral-Plied Synthetic Fabric with Dual Steel Helix.

TEMPERATURE

-40°F to 212°F (-40°C to 100°C).

FITTING CONFIGURATION

Instalock Female Camlock, Male Camlock, NPT Male, and Sanitary Tri-Clamp.

SPECIFICATIONS BY SIZE

CONFIRM COMPATIBILITY

VersaChem 250PSI

SaChem 250PSI

WITH OUR CHEMICAL COMPATIBILITY TOOL.

CROSS REFERENCE

YOUR CURRENT HOSE CONFIGURATION TO OUR SELECTION OF PRODUCTS.

AND MORE..

CONVENIENTLY LOCATED IN THE BUYERS PORTAL SECTION OF OUR WEBSITE.

Size	Pressure	Temperature	O.D.	I.D.	Weight/ft
1"	250 PSI	-40°F to 212°F	1.46"	1"	0.33 lbs/ft
1.5"	250 PSI	-40°F to 212°F	2.03"	1.5"	0.90 lbs/ft
2"	250 PSI	-40°F to 212°F	2.56"	2"	1.19 lbs/ft
3"	250 PSI	-40°F to 212°F	3.68"	3"	2.28 lbs/ft

The Continental Versachem UHMWPE hose is designed for univeral use within multiple chemical, pharmaceutical and costmetic applications. It is widely used in the food and beverage industry with hygienic / sanitary products and foodstuffs. Suitable for most liquids, high viscous and powdery materials. This hose can withstand open steaming at 288°F for up to 15 minutes. The smooth lining allows good drainage and easy cleaning.







CONTINENTAL | PROSPECTOR

AVAILABLE AS A HOSE ASSEMBLY OR IN BULK

UHMWPE

CONSTRUCTION TUBE
Ultra-High Molecular Weigth Polyethylene, also known
as Pliosyn.

BLUE VERSIGARD

OUTER COVER

REINFORCEMENT

Spiral-Plied Synthetic Fabric with Dual Steel Helix.

TEMPERATURE

-40°F to 212°F (-40°C to 100°C).

FITTING CONFIGURATION

Instalock Female Camlock, Male Camlock, and NPT Male.

SPECIFICATIONS BY SIZE

CONFIRM COMPATIBILITY WITH OUR CHEMICAL

COMPATIBILITY TOOL.

CROSS REFERENCE

YOUR CURRENT HOSE CONFIGURATION TO OUR SELECTION OF PRODUCTS.

AND MORE..

CONVENIENTLY LOCATED IN THE BUYERS PORTAL SECTION OF OUR WEBSITE.

Size	Pressure	Temperature	O.D.	I.D.	Weight/ft
1"	200 PSI	-40°F to 212°F	1.47"	1"	0.6 lbs/ft
1.5"	200 PSI	-40°F to 212°F	1.97"	1.5"	0.84 lbs/ft
2"	200 PSI	-40°F to 212°F	2.55"	2"	1.22 lbs/ft
3"	200 PSI	-40°F to 212°F	3.63"	3"	2.11 lbs/ft

The Continental Prospector UHMWPE hose is an economic solution that is designed for univeral use within multiple chemical, pharmaceutical and costmetic applications.

Suitable for most liquids, high viscous and powdery materials.







CONTINENTAL | VIPER

AVAILABLE AS A HOSE ASSEMBLY OR IN BULK

MODIFIED XLPE

CONSTRUCTION TUBE Beige Alphasyn Modified Cross-Linked Polyethylene.

BLACK OMEGASYN / EPDM

OUTER COVER

REINFORCEMENT

Spiral-Plied Synthetic Fabric with Dual Steel Helix.

TEMPERATURE

-40°F to 250°F (-40°C to 121°C).

FITTING CONFIGURATION

Instalock Female Camlock, Male Camlock, and NPT Male.

SPECIFICATIONS BY SIZE

CONFIRM COMPATIBILITY WITH OUR CHEMICAL

WITH OUR CHEMICAL COMPATIBILITY TOOL.

CROSS REFERENCE

YOUR CURRENT HOSE CONFIGURATION TO OUR SELECTION OF PRODUCTS.

AND MORE..

CONVENIENTLY LOCATED IN THE BUYERS PORTAL SECTION OF OUR WEBSITE.

Size	Pressure	Temperature	O.D.	I.D.	Weight/ft
1"	200 PSI	-40°F to 250°F	1.45"	1"	0.53 lbs/ft
1.5"	200 PSI	-40°F to 250°F	1.95"	1.5"	0.74 lbs/ft
2"	200 PSI	-40°F to 250°F	2.54"	2"	1.16 lbs/ft
3"	200 PSI	-40°F to 250°F	3.59"	3"	1.82 lbs/ft

The Continental Viper is designed for the transfer of a variety of industrial chemicals used today. It is ideal for use with pressure, gravity flow, and / or suction service. The hose may be cleaned using open-end steam, up to 50 psi or in a bath containing 10% Sodium Hydroxide, up to 212°F.





HI-PER® UNIVERSA



CONTINENTAL | HI-PER

AVAILABLE AS A HOSE ASSEMBLY OR IN BULK

TEFLON / FEP

CONSTRUCTION TUBE

Teflon Fluoroethylenepropylene liner with FDA and USDA compliant materials.

EPDM SYNTHETIC RUBBER

OUTER COVER

REINFORCEMENT

Spiral-Plied Synthetic Fabric with Dual Steel Helix.

TEMPERATURE

-40°F to 300°F (-40°C to 149°C).

FITTING CONFIGURATION

Instalock Female Camlock, Male Camlock, NPT Male, and Sanitary Tri-Clamp.

SPECIFICATIONS BY SIZE

CONFIRM COMPATIBILITY WITH OUR CHEMICAL

M-PER® UNIVERSA

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WITH OUR CHEMICAL COMPATIBILITY TOOL.

CROSS REFERENCE

YOUR CURRENT HOSE CONFIGURATION TO OUR SELECTION OF PRODUCTS.

AND MORE..

CONVENIENTLY LOCATED IN THE BUYERS PORTAL SECTION OF OUR WEBSITE.

Size	Pressure	Temperature	O.D.	I.D.	Weight/ft
1"	200 PSI	-40°F to 300°F	1.52"	1"	0.71 lbs/ft
1.5"	200 PSI	-40°F to 300°F	2.13"	1.5"	1.24 lbs/ft
2"	200 PSI	-40°F to 300°F	2.69"	2"	1.71 lbs/ft
3"	200 PSI	-40°F to 300°F	3.67"	3"	2.52 lbs/ft

The Continental Hi-Per is a Teflon / FEP - lined hose designed to handle a broad spectrum of fluids and materials in a wide variety of applications. It is also suited for the food and beverage industries due to its FDA and USDA compliant materials.







ALFAGOMMA | T-5050G

AVAILABLE AS A HOSE ASSEMBLY OR IN BULK

CONSTRUCTION TUBE Transparent XLPE - Cross-Linked Polyethylene

GREEN EPDM

OUTER COVER

REINFORCEMENT

High tensile textile cords with 4 highly flexible steel helix wires.

TEMPERATURE

-40°F to 150°F (-20°C to 65°C).

FITTING CONFIGURATION

Instalock Female Camlock, Male Camlock, and NPT Male.

SPECIFICATIONS BY SIZE

CONFIRM COMPATIBILITY WITH OUR CHEMICAL

COMPATIBILITY TOOL.

CROSS REFERENCE

YOUR CURRENT HOSE **CONFIGURATION TO OUR** SELECTION OF PRODUCTS.

AND MORE..

CONVENIENTLY LOCATED IN THE BUYERS PORTAL SECTION OF OUR WEBSITE.

Size	Pressure	Temperature	O.D.	I.D.	Weight/ft
1"	240 PSI	-40°F to 150°F	1.46"	1"	0.56 lbs/ft
1.5"	240 PSI	-40°F to 150°F	1.97"	1.5"	0.76 lbs/ft
2"	240 PSI	-40°F to 150°F	2.48"	2"	1.00 lbs/ft
3"	240 PSI	-40°F to 150°F	3.62"	3"	1.83 lbs/ft

The Alfagomma T-5050G XLPE lined hose is ideal for general chemical transfer as well as specialized applications. It is capable of handling 90% of existing chemicals. With this hose you can expect great performance and even greater value.





CONTI | EXTREMEFLEX PETROLEUM

AVAILABLE AS A HOSE ASSEMBLY OR IN BULK

NITRILE

CONSTRUCTION TUBE

Nitrile Synthetic Rubber (APRM Class A - high oil resistance).



CORRUGATED OUTER COVER

REINFORCEMENT

Spiral-Plied Synthetic Fabric with wire helix.

TEMPERATURE

-40°F to 200°F (-40°C to 93°C).

FITTING CONFIGURATION

Instalock Female Camlock, Male Camlock, and NPT Male.

SPECIFICATIONS BY SIZE

CONFIRM COMPATIBILITY

Kremeflex Patroleum Transfe

etroleum Transfer WANA

WITH OUR CHEMICAL COMPATIBILITY TOOL.

CROSS REFERENCE

YOUR CURRENT HOSE CONFIGURATION TO OUR SELECTION OF PRODUCTS.

AND MORE..

CONVENIENTLY LOCATED IN THE BUYERS PORTAL SECTION OF OUR WEBSITE.

Size	Pressure	Temperature	O.D.	I.D.	Weight/ft
2"	200 PSI	-40°F to 200°F	2.47"	2"	0.99 lbs/ft
3"	200 PSI	-40°F to 200°F	3.56"	3"	1.77 lbs/ft

The Continental ExtremeFlex Petroleum Tank Truck Hose is the perfect drop hose for use in a tank truck and in-plant operation to transfer diesel, ethanol, gasoline, oil, and petroleum-based products with up to 50% aromatic content. It has a corrugated construction for lower drag coefficient and superior abrasion resistance.







CONTINENTAL | PALADIN

AVAILABLE AS A HOSE ASSEMBLY OR IN BULK

BLACK NITRILE

CONSTRUCTION TUBE

Black Nitrile Synthetic Rubber (Static Dissipating).

CHEMIVIC SYNTHETIC RUBBER

OUTER COVER

REINFORCEMENT

Synthetic Fabric Plies.

TEMPERATURE

-40°F to 160°F (-40°C to 71°C).

FITTING CONFIGURATION

Instalock Female Camlock, Male Camlock, and NPT Male.

SPECIFICATIONS BY SIZE

CONFIRM COMPATIBILITY

WITH OUR CHEMICAL COMPATIBILITY TOOL.

CROSS REFERENCE

YOUR CURRENT HOSE CONFIGURATION TO OUR SELECTION OF PRODUCTS.

AND MORE..

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Size	Pressure	Temperature	O.D.	I.D.	Weight/ft
2"	150 PSI	-40°F to 160°F	2.835"	2"	2.59 lbs/ft

The Continental Paladin Hose was designed as a lightweight, flexible hose to transfer bio-diesel, ethanol blends, gasoline, and other petroleum products under pressure, gravity flow or medium suction (up to 23" Hg) at ambient temperature. Maximum aromatic content 60%. Its outer PVC helix provides abrasion resistance and low coefficient of friction.







SS | METAL HOSE ASSEMBLY



Metal hose can be used in many industrial applications where ambient or hose media temperature is much higher than industrial or hydraulic hose parameters. Furnished with the fittings attached, this hose is good for misaligned connections anywhere vibration is a concern.

CONFIRM COMPATIBILITY WITH OUR CHEMICAL

COMPATIBILITY TOOL.

AND MORE..

CONVENIENTLY LOCATED IN THE BUYERS PORTAL SECTION OF OUR WEBSITE.

316 SS

CONSTRUCTION TUBE Stainless Steel Annular / Standard Pitch

304 SS OUTER BRAID

CARACTERISTICS

P3 (1/4" - 2") Light Weight, High Flexibility P4 (2-1/2" - 4") Medium Weight, Flexibility

FITTING CONFIGURATION

Instalock Female Camlock, Flange, coupling, Hex Male Pipe, Toe Nipple, JIC Female, Pipe Union, Rotating flange, rotating lap.

SPECIFICATIONS BY SIZE

Size	Hose Type	Pressure PSI	Size	lbs/ft	Bend Radius (in)
I.D.	P3 / P4	WP / Burst	O.D.	Weight	Dynamic / Static
1/4"	P3	2,360 / 9,440	.43"	0.10	D 3.15 / S 1.1
3/8"	P3	1,639 / 6,556	.62"	0.16	D 5.08 / S 1.52
1/2"	P3	1,225 / 4,900	.72"	0.18	D 5.47 / S 1.75
3/4"	P3	1,034 / 4,136	1.12"	0.39	D 6.58 / S 2.65
1"	P3	796 / 3,184	1.34"	0.48	D 7.50 / S 3.33
1-1/4"	P3	600 / 2,400	1.69"	0.66	D 10.2 / S 4.1
1-1/2"	P3	557 / 2,228	2.03"	0.91	D 11.75 / S 5.08
2"	P3	570 / 2,280	2.48"	1.27	D 12.55 / S 6.27
2-1/2"	P4	500 / 2,000	3.33"	1.86	D 20.00 / S 8.00
3"	P4	400 / 1,600	3.88"	2.00	D 22.00 / S 9.00
4"	P4	300 / 1,200	4.98"	2.68	D 27.00 / S 13.00





FDA . USDA



CONTINENTAL | VERSACHEM

AVAILABLE AS A HOSE ASSEMBLY OR IN BULK

UHMWPE

CONSTRUCTION TUBE

Ultra-High Molecular Weigth Polyethylene, also known as Pliosyn - inner lining with black conductive stripe, compliant to USDA, FDA standards.

EPDM

OUTER COVER

REINFORCEMENT

Spiral-Plied Synthetic Fabric with Dual Steel Helix.

TEMPERATURE

-40°F to 212°F (-40°C to 100°C).

FITTING CONFIGURATION

Instalock Female Camlock, Male Camlock, NPT Male, and Sanitary Tri-Clamp.

SPECIFICATIONS BY SIZE

CONFIRM COMPATIBILITY WITH OUR CHEMICAL

VersaChem 250PSI

SaChem 250PSI

WITH OUR CHEMICAL COMPATIBILITY TOOL.

CROSS REFERENCE

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2"	250 PSI	-40°F to 212°F	2.56"	2"	1.19 lbs/ft
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HI-PER® UNIVERSA



CONTINENTAL | HI-PER

AVAILABLE AS A HOSE ASSEMBLY OR IN BULK

TEFLON / FEP

CONSTRUCTION TUBE

Teflon Fluoroethylenepropylene liner with FDA and USDA compliant materials.

EPDM SYNTHETIC RUBBER

OUTER COVER

REINFORCEMENT

Spiral-Plied Synthetic Fabric with Dual Steel Helix.

TEMPERATURE

-40°F to 300°F (-40°C to 149°C).

FITTING CONFIGURATION

Instalock Female Camlock, Male Camlock, NPT Male, and Sanitary Tri-Clamp.

SPECIFICATIONS BY SIZE

CONFIRM COMPATIBILITY WITH OUR CHEMICAL

M-PER® UNIVERSA

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WITH OUR CHEMICAL COMPATIBILITY TOOL.

CROSS REFERENCE

YOUR CURRENT HOSE CONFIGURATION TO OUR SELECTION OF PRODUCTS.

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1.5"	200 PSI	-40°F to 300°F	2.13"	1.5"	1.24 lbs/ft
2"	200 PSI	-40°F to 300°F	2.69"	2"	1.71 lbs/ft
3"	200 PSI	-40°F to 300°F	3.67"	3"	2.52 lbs/ft

The Continental Hi-Per is a Teflon / FEP - lined hose designed to handle a broad spectrum of fluids and materials in a wide variety of applications. It is also suited for the food and beverage industries due to its FDA and USDA compliant materials.







SENIOR FLEXONICS | TUBOFLEX

STAINLESS STEEL

CONSTRUCTION TUBE
Annular & Special Corrugation AISI 321



REPLACES COPPER TUBING

IN STEAM TRACING APPLICATIONS

CRIMPING TOOL AVAILABLE

MAKE YOUR OWN ASSEMBLIES

VARIETY OF FITTINGS

CHOOSE FROM OUR FITTING SELECTION AND BUILD A HOSE TO YOUR SPECS.

(Fittings and installation tools sold separately.)

SPECIFICATIONS BY SIZE

Size	Length	O.D.	I.D.	Bend Radius
DN16	150 Meters / 492 ft	22,0	15,9	30

SAVE MONEY & AVOID DOWNTIME BY REPLACING TRADITIONAL COPPER TUBING WITH OUR TUBOFLEX STEAM TRACER HOSE!



We look forward to earning your trust and becoming a valued partner to your operation.