

CHL – Chlorine Transfer Hose

This specialized hose is used for the transfer of hazardous chlorine and bromine. Series CHL is a helical convoluted non-conductive PTFE hose externally reinforced with Kynar wire braid. Our chlorine transfer hoses are more flexible than metal hose. The inner core is virtually stress-free in continuous flexing applications and the helical convolutions are shallow to facilitate draining and cleaning.

FT – Flared Tube Hose



Flared tube hose is used in applications where internal corrosion of the fittings or metallic contamination of the transfer chemical is a concern. FT series flared tube hose is a convoluted PTFE hose available in non-conductive or conductive PTFE. The PTFE tubing is flared over the face of the flange, isolating the flange from the transfer chemical.

HP – High Pressure Smooth Bore PTFE Hose



High pressure smooth bore PTFE hose (5000 PSI) is used in a variety of applications, such as hydraulics, compressed gases, R.I.M. (reaction injection molding machines), urethane transfer and hot melt glue. Series HP hose has a conductive PTFE core with a single layer of stainless steel wire braid in the smaller diameters. Larger diameters are double-braided.

Hose Type	Nominal Size (in)	I.D. (in)	O.D. (in)	Min. Bend Radius (in)	Operating Pressure (psi)	Min. Burst Pressure (In)
HP-04	1/4	0.222	0.390	1.5	5,000	16,000
HP-06	3/8	0.308	0.490	2.5	5,000	16,000
HP-08	1/2	0.401	0.615	2.9	5,000	16,000
HP-10	5/8	0.495	0.730	3.3	5,000	16,000
HP-12	3/4	0.617	1.990	3.9	5,000	16,000
HP-16	1	0.867	1.270	5.0	5,000	16,000
HP-20	1 1/4	1.118	1.660	12.0	5,000	16,000
HP-24	1 1/2	1.375	1.900	14.0	4,000	12,000

MHP – Medium High Pressure Smooth Bore PTFE Hose

Medium high pressure (4000 PSI) PTFE hose is a popular choice for use as pigtails in the compressed gas industry. These hoses are also ideal for use in the steel industry where they are subjected to rapid rate impulses that are common on tapping jacks, mud guns and Continuous Caster hydraulic systems. Series MHP hose has a conductive PTFE core surrounded by two layers of stainless steel wire braid. Our larger diameter hoses have up to four layers of stainless steel wire spiral wrap for added strength.

MTL – Lined Metal Hose



This rugged hose has a smooth liner that provides high flow rates and is easily cleaned. The metal hose provides a long flexing life and is very durable. The inner line of PTFE is locked in place and then flared over the flange faces. Series MTL hose applications include acid transfer, chemical transfer and elimination of vibration in piping systems.

RC – Rubber Covered Hose



This hose is used for chemical transfer, pharmaceuticals, food processing and many other applications. Series RC is a smooth bore PTFE hose available in non-conductive or conductive PTFE. The outer jacket consists of two layers of Hypalon reinforced with fabric braid. A double steel wire helix supports the shape of the hose in full vacuum service applications.

SB – Medium Pressure Smooth Bore PTFE Hose



Medium pressure smooth bore PTFE hose (3000 PSI) is used in a wide spectrum of demanding compressed gas and industrial applications. It consists of an inner core of PTFE hose reinforced by an outer layer of stainless steel wire braid for strength and protection. SB medium pressure smooth bore PTFE hose is available in a non-conductive as well as a conductive PTFE core with a standard wall thickness of .030" or a heavy wall thickness of .040".

Hose Type	Nominal Size (in)	I.D. (in)	O.D. (in)	Min. Bend Radius (in)	Operating Pressure (psi)	Min. Burst Pressure (psi)
SB-03	SW-03 3/16	0.125	0.234	2	3,000	15,000
SB-04	SW-04 1/4	0.187	0.312	2	3,000	14,000
SB-05	SW-05 5/16	0.0250	0.375	3	3,000	13,000
SB-06	SW-06 3/8	0.312	0.445	4	2,500	12,000
SB-08	SW-07 1/2	0.406	0.649	5.2	2,000	9,000
SB-10	SW-08 5/8	0.500	0.648	6.5	1,500	8,500
SB-12	SW-09 3/4	0.625	0.778	7.7	1,200	6,000
SB-16	SW-10 1	0.875	1.030	9	1,000	4,000
SB-20	SW-11 1 1/4	1.125	1.315	16	800	3,200

SB-BLACK (NON-CONDUCTIVE) SW-WHITE

SJ – Steam Transfer Hose

This specialized hose is used for the transfer of steam and hot fluids. The series SJ steam transfer is a smooth bore conductive PTFE hose reinforced with stainless steel wire braid and has a smooth outer jacket suitable for service temperature excursions up to 500 degrees Fahrenheit. The hose's external jacket provides extra flexibility and abrasion protection, which minimizes operator injury associated with unprotected hose.

UHP – Ultra High Pressure Smooth Bore Hose

UHP – Ultra high pressure smooth bore PTFE hose (6000 psi) is used in the same applications as our lower pressure series, but when a higher-pressure rating is required. Ultra high pressure smooth bore PTFE hose has a conductive PTFE core surrounded by two layers of stainless steel wire braid.

Our larger diameter hoses have up to four layers of stainless steel wire spiral wrap for added strength.

Hose Type	Nominal Size (in)	I.D. (in)	O.D. (in)	Min. Bend Radius (in)	Operating Pressure (psi)	Min. Burst Pressure (in)
UHP-04	1/4	0.229	0.495	3	6,000	24,000
UHP-06	3/8	0.300	0.617	5	6,000	24,000
UHP-08	1/2	0.395	0.738	6	6,000	24,000

WCP – Convoluted Pressure Rated Hose

Self draining convoluted pressure rated hose made of PTFE with stainless steel wire. This reinforced helical hose is ideal for demanding high purity and chemical applications. Polypropylene and Kynar® braid reinforcement is also available. Standard fitting material is stainless steel, steel and Halar encapsulated.

Hose Type	Nominal Size (in)	I.D. (in)	O.D. (in)	Min. Bend Radius (in)	Operating Pressure (psi)	Min. Burst Pressure (psi)	Max. Length
CW-08	CB-08 1/2	0.512	0.785	1	1,000	4,000	75
CW-12	CB-12 3/4	0.750	1.090	2	1,000	4,000	50
CW-16	CB-16 1	0.998	1.300	3	1,000	4,000	50
CW-20	CB-20 1 1/4	0.239	1.560	6.25	1,500	4,000	50
CW-24	CB-24 1 1/2	0.500	1.792	7.5	750	3,000	50
CW-32	CB-32 2	0.982	2.333	10	500	2,500	50

CB-BLACK (NON-CONDUCTIVE) CW-WHITE

WCV – Convoluted Vacuum Rated Hose

Our convoluted vacuum rated hose is a popular choice for demanding applications in the chemical processing, pulp and paper, automotive and turbine engine industries. WCV convoluted vacuum rated hose is a helical, convoluted, heavy wall, non-conductive PTFE hose externally reinforced with PTFE impregnated fiberglass and a stainless steel wire wrapped in the root of the convolution under the stainless steel wire braid reinforcement. Our BCV series hose is similar but is made of conductive PTFE.