



SMOOTH BORE MEDIUM PRESSURE

Smooth Bore Medium Pressure Hose

HOSE PART #	HOSE CONDUCTIVE PART #	HOSE SIZE	AVERAGE I.D. (IN.)	AVERAGE O.D. (IN.)	OPERATING PRESSURE (IN.)	BURST PRESSURE (IN.)	BEND RADIUS (IN.)	WEIGHT (LBS/FT)
SSMP-03	SSMPC-03	3/16	0.125	0.250	3,000	12,000	2.0	0.047
SSMP-04	SSMPC-04	1/4	0.187	0.312	3,000	12,000	2.0	0.077
SSMP-05	SSMPC-05	5/16	0.250	0.375	3,000	12,000	3.0	0.098
SSMP-06	SSMPC-06	3/8	0.312	0.445	2,500	10,000	4.0	0.110
SSMP-07	SSMPC-07	7/16	0.375	0.503	2,250	9,000	4.5	0.124
SSMP-08	SSMPC-08	1/2	0.405	0.549	2,000	8,000	5.2	0.124
SSMP-10	SSMPC-10	5/8	0.500	0.648	1,500	6,000	6.5	0.154
SSMP-12	SSMPC-12	3/4	0.625	0.778	1,200	4,800	7.7	0.170
SSMP-14	SSMPC-14	7/8	0.750	0.885	1,100	4,400	8.2	0.198
SSMP-16	SSMPC-16	1	0.875	1.030	1,000	4,000	9.0	0.273
SSMP-18	SSMPC-18	1 1/8	1.000	1.135	900	3,600	10.0	0.305
SSMP-20	SSMPC-20	1 1/4	1.125	1.290	750	3,000	16.0	0.350

Medium pressure P.T.F.E. extruded tube .030 wall with specific high tensile stainless steel braid cover manufactured to SAE 100R14 specifications is the workhorse of the industry. Widely used for a variety of applications and unique problem solving characteristics.

Combine the specifically designed interference fit of our precisely machined fittings with a permanent attachment crimp/swage method resulting in a truly reliable hose assembly.

- Wide operating temperature range
- -100° F to +500° F
- Low coefficient of friction
- Lightweight and flexible
- Inert to virtually all chemicals
- Resistant to aging/oxidation/discoloration



SMOOTH BORE MEDIUM PRESSURE

MALE

HOSE STAINLESS PART NO.	HOSE BRASS PART NO.	HOSE SIZE	THREAD	A OVERALL LENGTH IN.	B DEDUCT LENGTH IN.	C NOMINAL ID IN.
FIT-SS-03MP	FIT-BR-03MP	03	1/8-27	1.26	0.80	0.095
FIT-SS-04x03MP	FIT-BR-04x03MP	04	1/8-27	1.26	0.80	0.156
FIT-SS-04MP	FIT-BR-04MP	04	1/4-18	1.47	1.02	0.156
FIT-SS-05MP	FIT-BR-05MP	05	1/4-18	1.47	1.02	0.207
FIT-SS-06x04MP	FIT-BR-06x04MP	06	1/4-18	1.60	1.05	0.277
FIT-SS-06MP	FIT-BR-06MP	06	3/8-18	1.63	1.08	0.277
FIT-SS-08x06MP	FIT-BR-08x06MP	08	3/8-18	1.68	1.08	0.358
FIT-SS-08MP	FIT-BR-08MP	08	1/2-14	1.93	1.32	0.358
FIT-SS-10MP	FIT-BR-10MP	10	1/2-14	2.05	1.35	0.469
FIT-SS-12MP	FIT-BR-12MP	12	3/4-14	2.21	1.44	0.594
FIT-SS-16MP	FIT-BR-16MP	16	1-11/12	2.56	1.65	0.812

FEMALE SWIVEL SAE/JIC

HOSE STAINLESS PART NO.	HOSE BRASS PART NO.	HOSE SIZE	THREAD	A OVERALL LENGTH IN.	B DEDUCT LENGTH IN.	C NOMINAL ID IN.
FIT-SS-03JIC	FIT-BR-03JIC	03	3/8-24	1.31	0.50	0.095
FIT-SS-04JIC	FIT-BR-04JIC	04	7/16-20	1.33	0.50	0.156
FIT-SS-05JIC	FIT-BR-05JIC	05	1/2-20	1.40	0.56	0.207
FIT-SS-06JIC	FIT-BR-06JIC	06	9/16-18	1.56	0.63	0.277
FIT-SS-08JIC	FIT-BR-08JIC	08	3/4-16	1.72	0.69	0.358
FIT-SS-10JIC	FIT-BR-10JIC	10	7/8-14	1.99	0.77	0.469
FIT-SS-12JIC	FIT-BR-12JIC	12	1 1/16-12	2.13	0.79	0.594
FIT-SS-16JIC	FIT-BR-16JIC	16	1 5/16-12	2.37	0.84	0.812



HIGH PRESSURE SMOOTH BORE HOSE

High Pressure Smooth Bore Hose

PNEUMATIC HOSE PART NO.	LIQUID HOSE PART NO.	HOSE SIZE	AVERAGE I.D. (IN.)	AVERAGE O.D. (IN.)	OPERATING PRESSURE (IN.)	BURST PRESSURE (IN.)	BEND RADIUS (IN.)	WEIGHT (LBS/FT)
LWHP-04GAS	LWHP-04LIQ	1/4	0.222	0.375	5,000	16,000	1.5	0.108
LWHP-06GAS	LWHP-06LIQ	3/8	0.308	0.473	5,000	16,000	2.5	0.180
LWHP-08GAS	LWHP-08LIQ	1/2	0.401	0.600	5,000	16,000	2.9	0.240
LWHP-10GAS	LWHP-10LIQ	5/8	0.495	0.710	5,000	16,000	3.3	0.324
LWHP-12GAS	LWHP-12LIQ	3/4	0.617	0.970	5,000	16,000	4.0	0.660
LWHP-16GAS	LWHP-16LIQ	1	0.867	1.250	5,000	16,000	5.0	1.020
LWHP-20GAS	LWHP-20LIQ	1-1/4	1.125	1.600	4,000	16,000	12.0	1.680
LWHP-24GAS	LWHP-24LIQ	1-1/2	1.375	1.920	4,000	12,000	14.0	2.280

This lightweight ,high pressure hose is designed with the same reliable smooth tube and carbon impregnated tube for static dissipation along with a densely packed Stainless Steel braid to achieve elevated pressure ratings for robust applications.

- Low coefficient of friction for conveying viscous materials
- Post sintered tube for compressed gas transfer
- Low volumetric expansion for high pressure pump systems



**FACTORY BUILT
ASSEMBLIES
AVAILABLE**

HIGH PRESSURE SMOOTH BORE HOSE

FEMALE JIC

HOSE STAINLESS PART NO.	HOSE SIZE	THREAD	A OVERALL LENGTH IN.	B DUCT LENGTH IN.	C NOMINAL ID IN.
FITHP-SS-04JIC	04	7/16-20	1.695	0.449	0.139
FITHP-SS-06JIC	06	9/16-18	1.970	0.498	0.244
FITHP-SS-08JIC	08	3/4-16	2.120	0.673	0.342
FITHP-SS-10JIC	10	7/8-14	2.426	0.745	0.410
FITHP-SS-12JIC	12	1-1/16-12	2.679	0.762	0.518
FITHP-SS-16JIC	16	1-5/16-12	2.858	0.820	0.769
FITHP-SS-20JIC	20	1-5/8-12	3.280	0.985	0.955
FITHP-SS-24JIC	24	1-7/8-12	3.310	1.200	1.185

**FACTORY BUILT
ASSEMBLIES
AVAILABLE**



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CONVOLUTED TRANSFER HOSE

Convolut Transfer Hose

HOSE PART NO.	HOSE CONDUCTIVE PART NO.	NOMINAL I.D. (IN.)	NOMINAL O.D. (IN.)	OPERATING PRESSURE (IN.)	BURST PRESSURE (IN.)	BEND RADIUS (IN.)	WEIGHT (LBS/FT)
CVWH-08	CVBK-08	1/2	0.760	1.250	5.000	1.50	0.20
CVWH-12	CVBK-12	3/4	1.070	1.100	4.400	2.50	0.33
CVWH-16	CVBK-16	1	1.340	1.000	4.000	3.00	0.43
CVWH-20	CVBK-20	1-1/4	1.570	1.000	4.000	3.50	0.53
CVWH-24	CVBK-24	1-1/2	1.810	750	3.000	4.50	0.65
CVWH-32	CVBK-32	2	2.320	500	2.000	5.25	0.73
CVWH-24HV	CVBK-24HV	1-1/2	1.850	750	3.000	7.50	0.89
CVWH-32HV	CVBK-32HV	2	2.420	500	2.000	10.00	1.19

This uniquely designed PTFE helical low profile convolutions and multilayers of fiberglass and stainless steel braid creates a highly flexible hose

- Excellent absorption of vibration in dynamic connections
- Corrosion resistant and chemical inertness
- Optimal static/pulsating resistance under temperature & pressure

*Open pitch convo
assemblies available
(consult factory)*



**FACTORY BUILT
ASSEMBLIES
AVAILABLE**

CONVOLUTED TRANSFER HOSE

MALE

HOSE STAINLESS PART NO.	HOSE CARBON STEEL PART NO.	HOSE SIZE	THREAD	A OVERALL LENGTH IN.	B DEDUCT LENGTH IN.	C NOMINAL ID IN.
FITCV-SS-08MP	FITCV-CS-08MP	08	1/2-14	2.70	1.52	0.400
FITCV-SS-12MP	FITCV-CS-12MP	12	3/4-14	2.70	1.65	0.630
FITCV-SS-16MP	FITCV-CS-16MP	16	1-11-1/2	2.90	1.85	0.850
FITCV-SS-20MP	FITCV-CS-20MP	20	1-1/4-11-1/2	3.50	2.04	1.070
FITCV-SS-24MP	FITCV-CS-24MP	24	1-1/2-11-1/2	3.70	2.13	1.310
FITCV-SS-32MP	FITCV-CS-32MP	32	2-11-1/2	3.90	2.35	1.760
FITCV-SS-24MPHV	FITCV-CS-24MPHV	24HV	1-1/2-11-1/2	3.70	2.13	1.310

FEMALE / JIC

HOSE STAINLESS PART NO.	HOSE CARBON STEEL PART NO.	HOSE SIZE	THREAD	A OVERALL LENGTH IN.	B DEDUCT LENGTH IN.	C NOMINAL ID IN.
FITCV-SS-08JIC	FITCV-CS-08JIC	08	3/4-16	2.60	1.04	0.400
FITCV-SS-12JIC	FITCV-CS-12JIC	12	1-1/16-12	2.80	1.22	0.630
FITCV-SS-16JIC	FITCV-CS-16JIC	16	1-5/16-12	3.00	1.27	0.850
FITCV-SS-20JIC	FITCV-CS-20JIC	20	1-5/8-12	3.60	1.45	1.070
FITCV-SS-24JIC	FITCV-CS-24JIC	24	1-7/8-12	3.80	1.50	1.310
FITCV-SS-32JIC	FITCV-CS-32JIC	32	2-1/2-12	4.10	1.67	1.760
FITCV-SS-24JICHV	FITCV-CS-24JICHV	24HV	1-7/8-12	3.80	1.50	1.310

**FACTORY BUILT
ASSEMBLIES
AVAILABLE**



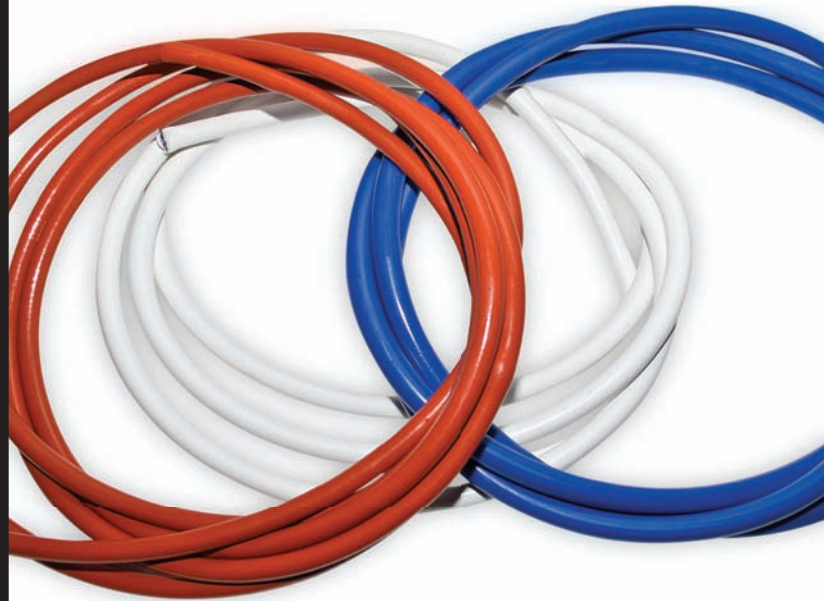
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SANTOPRENE EXTRUDED COVERING

- Produced in black or blue in sizes up to – 12
- Good abrasion resistance and chafe guard qualities
- Resistant to UV, ozone, and most alkalis and acids
- Improves bend radius and increases cycle life



SILICONE EXTRUDED COVERING



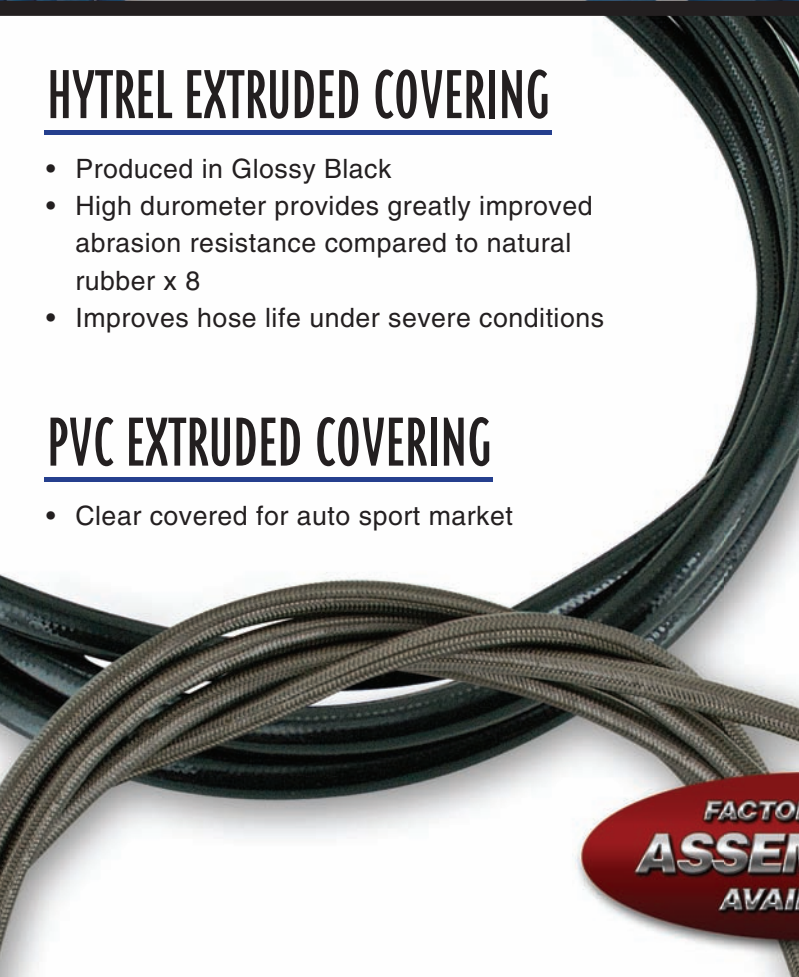
- Integrally extruded over smooth bore hose up to - 12
- Standard colors of Red, White and Blue “NSF”
- Silicone provides a margin of safety where steam or hot oils are conveyed to external contact (400° F)
- Improves flexibility, kink resistance, hoop strength

HYTREL EXTRUDED COVERING

- Produced in Glossy Black
- High durometer provides greatly improved abrasion resistance compared to natural rubber x 8
- Improves hose life under severe conditions

PVC EXTRUDED COVERING

- Clear covered for auto sport market



POLY BRAID COVERING

- Braided directly over medium pressure hose
- Increases bend radius, hoop strength and kink resistance
- Excellent abrasion resistance and safety features benefit
- Protects against SS under braid from fraying and poking



FACTORY BUILT
ASSEMBLIES
AVAILABLE

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