

HIGH PRESSURE STAINLESS STEEL HOSE

STYLE SSHP2

CONSTRUCTION

- T316L Stainless Steel Hose
- T321 Direct Braid
- Annular Construction
- For High Pressure and Hydraulic Applications

SIZES

- 1/4" through 2"

MAXIMUM WORKING PRESSURE

- Full Vacuum to 5300 PSIG Depending on Size

TEMPERATURE

- Cryogenic to 1500°F

Nominal Hose ID (in.)	Hose Type	Hose OD (in.)	Weight (lbs./ft.)	Min. Live Length for Vibration (in.)	Minimum Bend Radius		Max. Working Pressure (PSIG) @ 70°F	Max. Test Pressure (PSIG) @ 70°F	Nominal Burst Pressure (PSIG) @ 70°F
					Static Bend	Intermittent Flexing			
1/4	SSHP2	.63	.39	4.25	2.000	8.250	5300	7950	21200
3/8	SSHP2	.81	.53	5.00	2.500	9.000	3900	5850	15600
1/2	SSHP2	1.05	.75	6.00	3.000	10.500	3600	5400	14400
3/4	SSHP2	1.43	1.63	7.00	4.000	12.750	3550	5325	14200
1	SSHP2	1.75	2.07	8.25	5.250	15.000	2800	4200	11200
1-1/4	SSHP2	2.08	2.93	9.00	6.500	17.250	2480	3720	9920
1-1/2	SSHP2	2.41	3.62	10.00	8.000	19.500	2200	3300	8800
2	SSHP2	3.05	4.63	12.00	11.500	24.000	1675	2512	6700

STYLE SSUHP

CONSTRUCTION

- T321 Hose and Braid
- Helical Construction
- For High Pressure Applications

SIZES

- 1/4" through 2"

MAXIMUM WORKING PRESSURE

- Full Vacuum to 12000 PSIG Depending on Size

TEMPERATURE

- Cryogenic to 1500°F

Nominal Hose ID (in.)	Hose Type	Hose OD (in.)	Weight (lbs./ft.)	Min. Live Length for Vibration (in.)	Minimum Bend Radius		Max. Working Pressure (PSIG) @ 70°F	Max. Test Pressure (PSIG) @ 70°F	Nominal Burst Pressure (PSIG) @ 70°F
					Static Bend	Intermittent Flexing			
1/4	SSUHP	.68	.62	6.00	2.500	11.500	12000	18000	48000
3/8	SSUHP	.90	.97	7.00	3.750	15.000	9000	13500	36000
1/2	SSUHP	1.04	1.34	8.00	4.500	16.500	8500	12750	34000
3/4	SSUHP	1.52	2.56	9.00	6.500	30.500	6800	10200	27200
1	SSUHP	1.93	3.69	10.00	9.000	35.000	6250	9375	25000
1-1/4	SSUHP	2.15	5.08	12.00	10.000	38.000	5500	8250	22000
1-1/2	SSUHP	2.54	6.63	14.00	12.000	41.000	5200	7800	20800
2	SSUHP	3.04	8.07	18.00	15.000	48.000	4350	6525	17400

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765 Industrial Drive

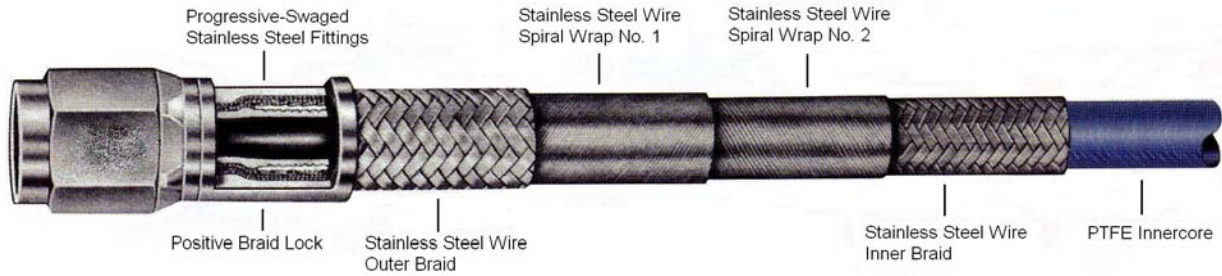
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ULTRA HIGH PRESSURE HOSE

STAINLESS STEEL

HIGH PRESSURE BRAIDED TEFLON® HOSE



APPLICATIONS

- The preferred choice for high impulse hydraulic systems
- Ground Support
- Capable of long service life at temperature/pressure extremes
- Molten Plastics
- Steel Mill Concast Lines

TEMPERATURE RANGE

- -65°F to 400°F (-54°C to 204°C)
- Consult factory for temperature-adjusted pressure ratings.

D157 HOSE CONSTRUCTION

D157 offers a smooth inner core of extruded PTFE with a precisely controlled amount of carbon black added to the inner 15% of the core wall. This feature provides a continuous conductive path to the metal end fittings. Wire reinforcement is Type 304 stainless steel. The 3/16" and 1/4" hose sizes have two layers of braid; 3/8" and 1/2" sizes have two layers of spiral wrap between two layers of braid; 5/8" through 1" sizes have four layers of spiral wrap between two layers of braid.

D154 HOSE CONSTRUCTION

D154 employs the same conductive inner core as the D157. This product can offer 50% more pressure capability than the D157. Wire reinforcement is type 304 stainless steel. The 1/4" and 3/8" hose sizes have two layers of spiral wrap between two layers of braid; the 1/2" size has four layers of spiral wrap between two layers of braid.

Nominal Size		Nominal ID (in.)	Nominal OD (in.)	Maximum Operating Pressure PSI at Room Temp.	Room Temp. Burst PSI	Max Continuous Length (ft.)	Minimum Bend Radius (in.)	Hose Weight (lb./ft.)
(in.)	(mm.)							
1/4	6	.229	.495	6000	24000	50	3	.24
3/8	10	.300	.617	6000	24000	30	5	.40
1/2	13	.395	.738	6000	24000	30	5.75	.49

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