

SS TEFLON HOSE



TechnoS SS Teflon Hose is reinforced with 304 or 316 stainless steel wire. All sizes are made from virgin Teflon™ fluoropolymer and have a minimum wall thickness of .040". That is 33% more material than most other manufacturers offer. The additional material results in improved bend radius, kink resistance, and slows permeation of gases. The minimum bend radius is measured in inches to the inside bend. Multiply the bend radius by 1.25 for dynamic applications.

CONSTRUCTION

- Inner Tube: PTFE (Teflon®)
- Reinforcement: 316 Stainless Steel
- Outer Cover: 316 Stainless Steel
- Color: Silver (Metallic)

TEMPERATURE RANGE

- -70°F to +500°F
- -57°C to +260°C
- (Dependent on Pressure)

WORKING PRESSURE @ 70°F (21°C)

- Vacuum up to 3000 PSI (207 bar)
- Safety Factor 4:1

TECHNICAL DATA

Number	Hose I.D.		Hose O.D.		Working Pressure		Min. Burst		Min. Bend		Hose Weight		Vacuum Service	Hose Ends
	mm	in	mm	in	bar	psi	bar	psi	mm	in	Kg/m	lbs/ft	in/HG	
S-3	3.2	0.13	6.8	0.27	241	3500	965	14000	25.4	1	0.07	0.05	28	EverSwage
S-4	4.8	0.19	8.6	0.34	206	3000	827	12000	38.1	1.5	0.12	0.08	28	EverSwage
S-5	6.4	0.25	10.2	0.4	206	3000	827	12000	50.8	2	0.13	0.09	28	EverSwage
S-6	7.9	0.31	11.7	0.46	172	2500	689	10000	88.9	3.5	0.18	0.12	28 ‡	EverSwage
S-8	10.4	0.41	14.7	0.58	137	2000	551	8000	114.3	4.5	0.22	0.15	28 ‡	EverSwage
S-10 *	12.7	0.5	17.3	0.68	120	1750	482	7000	127	5	0.3	0.2	28 ‡	EverSwage
S-12 *	15.7	0.62	20.3	0.8	103	1500	413	6000	152.4	6	0.34	0.23	28 ‡	EverSwage
S-16	22.4	0.88	27.2	1.07	68	1000	275	4000	228.6	9	0.46	0.31	12 ‡	EverSwage
S-16Z Ø	22.4	0.88	28.7	1.13	86	1250	344	5000	185.4	7.3	0.73	0.49	12 ‡	EverSwage
S-20Z Ø	28.4	1.12	35.3	1.39	68	1000	275	4000	279.4	11	0.97	0.65	12 ‡	EverSwage
316 Stainless Steel Braid														
316-4	4.8	0.19	8.6	0.34	206	3000	827	12000	38.1	1.5	0.12	0.08	28	EverSwage
316-6	7.9	0.31	11.7	0.46	172	2500	689	10000	88.9	3.5	0.18	0.12	28 ‡	EverSwage
316-8	10.4	0.41	14.7	0.58	103	1500	414	6000	114.3	4.5	0.22	0.15	28 ‡	EverSwage
316-12	15.7	0.62	20.1	0.78	86	1250	345	5000	152.4	6	0.34	0.23	28 ‡	EverSwage
316-16	22.4	0.88	27.2	1.07	62	900	248	3600	228.6	9	0.46	0.31	12 ‡	EverSwage

The 316 stainless braided hose can be used in marine applications and other environments where corrosion is an issue.

WARNING: These hoses can be used to convey hazardous chemicals, steam, hot liquids, or other dangerous materials which can cause death, serious bodily injury including burns, pressure wounds, or chemical exposure if released accidentally. They should only be handled or worked on by personnel properly trained in the safe handling of the materials or chemicals conveyed in the hoses.

◇ "Z" designates a double braid of 304 stainless steel wire.

* The operating pressure of 1/2" I.D. hoses are lowered to 1500 psi and 5/8" I.D. hoses are lowered to 1250 psi when brass EverSwage fittings are used.

‡ Maximum negative pressure for -16 and larger are suitable for hose which has suffered no external damage or kinking. If greater negative pressures are required for -16 and larger hoses, the use of an internal support coil is recommended. Use of an internal support coil in -06 and larger hose is recommended for tube support where extended or continuous service at high temp