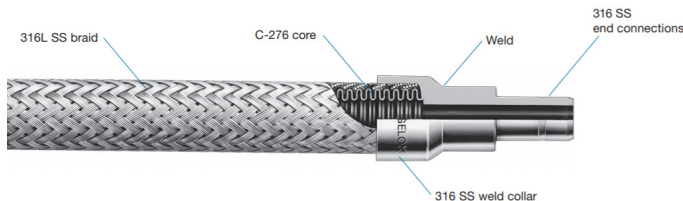


New Swagelok® Hose Products

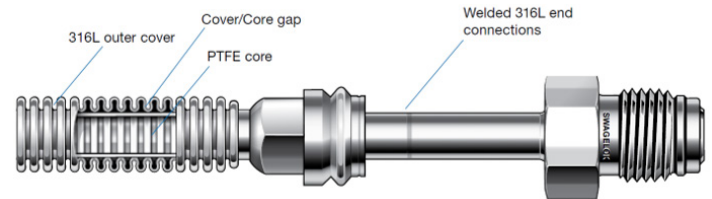
Swagelok understands our customers' needs are ever-changing. That's why we continue to introduce new products to our hose offering.

AH Series All-Metal Hose: Corrosion Resistant

Corrosion resistance is an important factor for maintaining safety and production throughout your facility. Our new AH Series High-Pressure Metal Hose with an Alloy C-276 convoluted core tube is available in 1/2 through 2 in. sizes.



FP Series Hybrid Hose

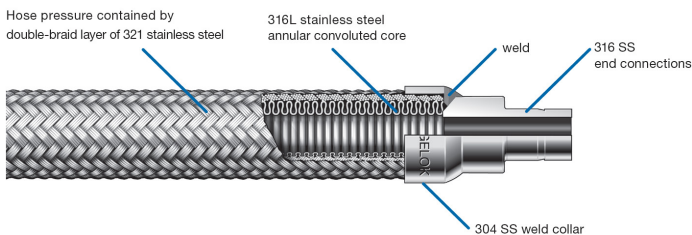


The FP series hose offers a permeation free PTFE, smooth-bore core that prevents permeation to atmosphere or into the hose. Available in 1/4 and 1/2 in. with working pressures from vacuum to 116 psig and end connections welded to the adapter collar. Commonly used as a low-pressure transfer hose where a smooth bore for ultra-high purity is critical and permeation to the atmosphere is undesirable.

FL Series All-Metal Hose: Highly Flexible

The FL series hose is a highly flexible all-metal hose now available in sizes up to 2 in with working pressures from vacuum to 1500 psig. This hose is commonly used in high-temperature vacuum and general purpose dynamic-cycling applications.

FX Series All-Metal Hose: High Pressure



With pressures up to 6000 psig the new FX Series hose is suitable for a wide range of applications. The convoluted core allows for flexibility and limits kinking. Available with a wide variety of end connections in sizes from 1/4 up to 2 in., it is commonly used in a high-temperature vacuum or in cases where permeation and corrosion are undesirable.

Low and High Temperature Hose Insulation

Swagelok has developed a new insulation solution for media temperatures as low as -65°F to help keep temperatures stable over the length of the hose and keep the surface temperatures of your hose close to ambient, preventing condensation and reducing or eliminating ice build-up on components. Available in hose sizes from 3/8 to 1 in. A high temperature insulation option is also available up to 482°F.





Swagelok Hose and Flexible Tubing Guide

Series	Nominal Hose Size, in.										Temperature Range °F (°C)
	Working Pressure at 70°F (20°C), psig (bar)										
	1/8	3/16	1/4	3/8	1/2	3/4	1	1 1/4	1 1/2	2	
Metal Hose											
FX	—	—	6000 (413)	5000 (344)	4500 (310)	3600 (248)	3000 (206)	2600 (179)	2200 (151)	1675 (115)	-325 to 1000 (-200 to 537)
FM	—	—	3100 (213)	2000 (137)	1800 (124)	1500 (103)	1200 (82.6)	950 (65.4)	900 (62.0)	500 (34.4)	-325 to 850 (-200 to 454)
FJ	—	—	1600 (110)	1470 (101)	1110 (76.4)	860 (59.2)	680 (46.8)	680 (46.8)	520 (35.8)	450 (31.0)	-325 to 800 (-200 to 426)
FL	—	—	1500 (103)	1470 (101)	1200 (82.6)	860 (59.2)	680 (46.8)	645 (44.4)	520 (35.8)	380 (26.1)	-325 to 850 (-200 to 454)
AH	—	—	—	—	1110 (76.4)	860 (59.2)	680 (46.8)	—	520 (35.8)	450 (31.0)	-325 to 800 (-200 to 426)
Metal Flexible Tubing											
Convuluted Tube	—	—	100 (6.8)	25 (1.7)	25 (1.7)	25 (1.7)	25 (1.7)	—	25 (1.7)	—	70 to 1000 (20 to 537)
Fluoropolymer Hose											
T	—	—	3000 (206)	2500 (172)	2000 (137)	1500 (103)	1000 (68.9)	—	—	—	-65 to 450 (-53 to 230)
B	3000 (206)	—	—	—	—	—	—	—	—	—	
X	—	—	3500 (241)	3000 (206)	1800 (124)	1250 (86.1)	1000 (68.9)	—	—	—	
S	3000 (206)	—	3500 (241)	3000 (206)	1800 (124)	1250 (86.1)	1000 (68.9)	—	—	—	-65 to 400 (-53 to 204)
C	—	—	—	—	1500 (103)	1100 (75.7)	750 (51.6)	—	700 (48.2)	525 (36.1)	-65 to 450 (-53 to 230)
N	—	—	—	1250 (86.1)	750 (51.6)	375 (25.8)	—	—	—	—	
W	—	—	—	750 (51.6)	750 (51.6)	500 (34.4)	—	—	—	—	-65 to 400 (-53 to 204)
F	—	—	800 (55.1)	650 (44.7)	450 (31.0)	325 (22.3)	—	—	—	—	-65 to 450 (-53 to 230)
U	—	—	—	—	300 (20.6)	300 (20.6)	250 (17.2)	—	200 (13.7)	150 (10.3)	-65 to 400 (-53 to 204)
PFA Tubing											
PFA	275 (18.9)	—	275 (18.9)	180 (12.4)	125 (8.6)	83 (5.7)	61 (4.2)	—	—	—	70 to 400 (20 to 204)
Vinyl Tubing											
LT	40 (2.7)	30 (2.0)	25 (1.7)	15 (1.0)	10 (0.68)	—	—	—	—	—	-40 to 165 (-40 to 73)
Nylon Hose											
NG	—	—	5000 (344)	5000 (344)	5000 (344)	—	—	—	—	—	-40 to 150 (-40 to 65)
7R	—	—	2750 (189)	2250 (155)	2000 (137)	—	—	—	—	—	-40 to 200 (-40 to 93)
8R	—	—	5000 (344)	4000 (275)	3500 (241)	2250 (155)	2000 (137)	—	—	—	-40 to 200 (-40 to 93)
7N	—	—	2750 (189)	2250 (155)	2000 (137)	—	—	—	—	—	-40 to 200 (-40 to 93)
8N	—	—	—	—	—	2250 (155)	—	—	—	—	-40 to 200 (-40 to 93)
Polyethylene Hose											
7P	—	—	2750 (189)	2250 (155)	2000 (137)	1500 (103)	1500 (103)	—	—	—	-10 to 150 (-23 to 65)
Rubber Hose											
PB	—	—	350 (24.1)	300 (20.6)	300 (20.6)	300 (20.6)	300 (20.6)	—	—	—	-40 to 200 (-40 to 93)