

Swagelok® Hoses

ALLENTOWN

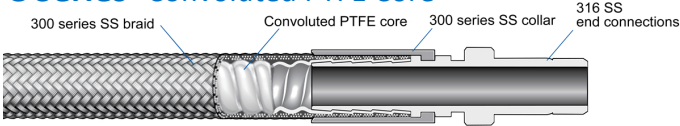


HOSES WHEN YOU NEED THEM

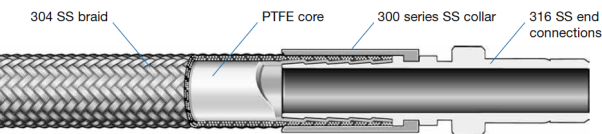
May - 2014

PFA and PTFE Lined Hoses

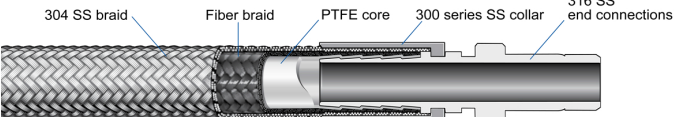
C Series- Convuluted PTFE Core



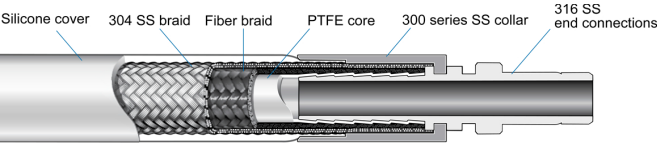
B Series- Smooth PTFE Core



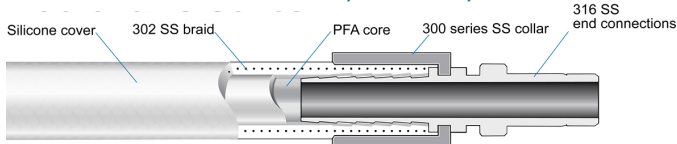
X Series- Fiber Braid, Smooth PTFE Core



S Series- Silicone Cover, SS & Fiber Braid, PFA Core

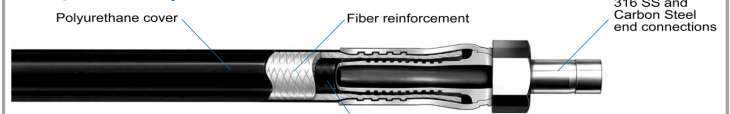


U Series- Silicone Cover, SS Braid, PFA Core

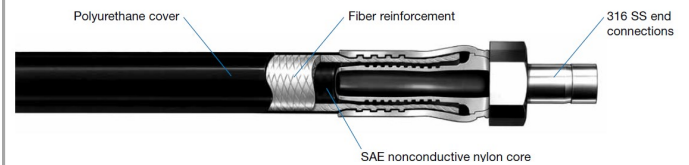


Swagelok Thermoplastic Hose

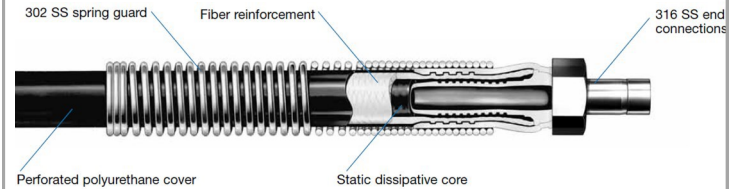
7R/8R - Nylon Core



7N/8N - SAE Nonconductive Nylon Core

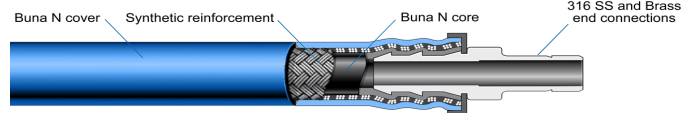


NG Series - Natural Gas, Static Dissipative Core



Swagelok Rubber Hose

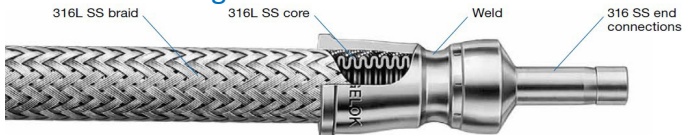
PB Series- Buna N Cover & Core



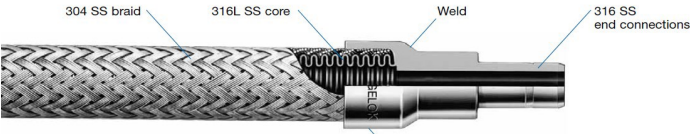
• Ozone-resistant, general purpose rubber hose with push-on end connections.

Swagelok All Metal Hoses

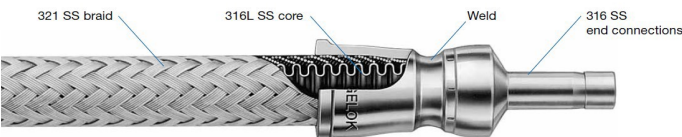
FM Series- High Pressure



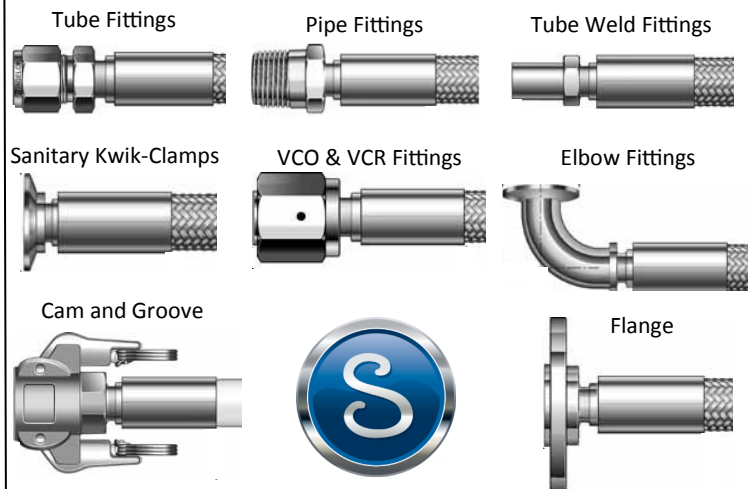
FJ Series- Medium Pressure



FL Series- Low Pressure



Get Connected



Swagelok Allentown

(610) 799-9001 / www.Swagelok.com/Allentown

SWAGELOK HOSE & FLEXIBLE TUBING GUIDE

SERIES	NOMINAL HOSE SIZE - IN INCHES										TEMPERATURE RANGE °F (°C)	PAGE# FROM CATALOG	TESTING @ ROOM TEMP. Pressure
	Working Pressure at 70°F (20°C), Listed in psig (bar)												
	1/8	3/16	1/4	3/8	1/2	3/4	1	1 1/4	1 1/2	2			
Metal Hose and Flexible Tubing													
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)	10	Factory Inboard Helium Leak Tested to a Maximum Leak Rate of 1×10^{-5} std cm ³ /s. (1 x 10 ⁻⁹ Available)
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)	16	
FL	—	—	1500 (103)	—	1200 (82.6)	—	—	—	—	—	-325 to 850 (-200 to 454)	21	
CT	—	—	100 (6.8)	25 (1.7)	25 (1.7)	25 (1.7)	25 (1.7)	—	25 (1.7)	—	70 to 1000 (20 to 537)	25	
PTFE Hose													
T ①	—	—	3000 (206)	2500 (172)	2000 (137)	1500 (103)	1000 (68.9)	—	—	—	-65 to 450 (-53 to 230)	30	Water @ 1.5X Wrk. Press.
B	3000 (206)	—	—	—	—	—	—	—	—	—		36	*Water @ 1000psig
X ①	—	—	3500 (241)	3000 (206)	1800 (124)	1250 (86.1)	1000 (68.9)	—	—	—		38	*Water @ 1000psig
S ①	3000 (206)	—	3500 (241)	3000 (206)	1800 (124)	1250 (86.1)	1000 (68.9)	—	—	—		40	*Water @ 1000psig
C ①	—	—	—	—	1500 (103)	1100 (75.7)	750 (51.6)	—	700 (48.2)	525 (36.1)		42	*Water @ 500/1000psig
N	—	—	—	1250 (86.1)	750 (51.6)	375 (25.8)	—	—	—	—		44	Water @ Wrk. Pres.
W	—	—	—	1000 (68.9)	1000 (68.9)	—	—	—	—	—		46	Water @ 1000psig
F ①	800 (55.1)	—	800 (55.1)	650 (44.7)	450 (31.0)	325 (22.4)	—	—	—	—		48	Water @ Wrk. Pres.
PFA Hose and Flexible Tubing													
U ①	—	—	—	—	300 (20.6)	300 (20.6)	250 (17.2)	—	200 (13.7)	150 (10.3)	-65 to 450 (-53 to 230)	59	*Water at 225psig
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)	61	*Water @ Wrk. Pres.
Vinyl Tubing													
LT	40 (2.7)	30 (2.0)	25 (1.7)	15 (1.0)	10 (0.68)	—	—	—	—	—	-40 to 165 (-40 to 73)	63	—
Nylon Hose													
NG ①	—	—	5000 (344)	5000 (344)	—	—	—	—	—	—	-40 to 150 (-40 to 65)	67	*Electrical Conductivity Tested
7R ①	—	—	2750 (189)	2250 (155)	2000 (137)	—	—	—	—	—	-40 to 200 (-40 to 93)	71	*Hoses pass electrical conductivity test of SAE J343/SAE J517. Hose is not intended for exposure to continuous electrical current.
8R ①	—	—	5000 (344)	4000 (275)	3500 (241)	2250 (155)	2000 (137)	—	—	—	-40 to 200 (-40 to 93)	71	
7N ①	—	—	2750 (189)	2250 (155)	2000 (137)	—	—	—	—	—	-40 to 200 (-40 to 93)	72	
8N ①	—	—	—	—	—	2250 (155)	—	—	—	—	-40 to 200 (-40 to 93)	72	
Polyethylene Hose													
7P	—	—	2750 (189)	2250 (155)	2000 (137)	1500 (103)	1500 (103)	—	—	—	-10 to 150 (-23 to 65)	77	—
Rubber Hose													
PB	—	—	350 (24.1)	300 (20.6)	300 (20.6)	300 (20.6)	300 (20.6)	—	—	—	-40 to 200 (-40 to 93)	79	—

① Multiple hose options available in 'Hose and Flexible Tubing' catalog (MS-01-180).