

# QUICK LOOK: Hose and flexible tubing

End connections, quick connects and selection guide

## Metal Hose & Tubing



FM Series Metal Hose



FJ Series Metal Hose



FL Series Metal Hose



CT Series Convoluted Metal Tubing

## Teflon Hose & Tubing



T Series PTFE Hose



B Series PTFE Hose



X Series PTFE Hose



S Series PTFE Hose



C Series PTFE Hose



N Series PTFE Hose



W Series PTFE Hose



F Series PTFE Hose



U Series PFA Hose



PFA Series PFA Tubing

## Thermoplastic Hose



7P Series Polyethylene Hose



7R and 8R Series Nylon Hose



7N and 8N Series Nylon Hose

## Other Hose & Tubing



NG Series Nylon Hose



LT Series Vinyl Tubing



PB Series Rubber Hose

## Popular End Connections\*



Male Pipe Threads, NPT and ISO/BSP Tapered



Female Pipe Threads, NPT



Swagelok Tube Adapters



Swagelok Tube Fittings

## Quick Connects



QC Series



QF Series



QM Series



QTM Series

\*Swagelok carries more than a dozen different kinds of end connections. This flyer includes a sample of our most popular options. Please visit [swagelok.com](http://swagelok.com) or contact your key account manager for a full list.



**LEARN MORE**  
Calgary Valve & Fitting  
3202 - 12 Avenue NE  
Calgary, AB T2A 6N8  
PH: 403-243-5646  
<http://calgary.swagelok.com>  
For additional hose information  
please reference:  
*Hose & Flexible Tubing Catalogue*  
**MS-01-180**

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	
<b>Metal Hose &amp; Tubing</b>											
FM	-	-	3100 (213)	2000 (137)	1800 (124)	1500 (103)	1200 (82.6)	950 (65.4)	900 (62)	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)	-325 to 800 (-200 to 426)
FL	-	-	1500 (103)	-	1200 (82.6)	-	-	-	-	-	-325 to 850 (-200 to 454)
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)
<b>Fluoropolymer Hose &amp; Tubing</b>											
T	-	-	3000 <sup>1</sup> (206)	2500 (172)	2000 (137)	1500 (103)	1000 (68.9)	-	-	-	-65 to 450 <sup>2</sup> (-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 (184)	1250 (86.1)	1000 (68.9)	-	-	-	
C	-	-	-	-	1500 (103)	1100 (75.7)	750 (51.6)	-	700 (48.2)	525 (36.1)	
N	-	-	-	1250 (86.1)	750 (51.6)	375 (25.8)	-	-	-	-	
W	-	-	-	750 (51.6)	750 (51.6)	500 (34.4)	-	-	-	-	
F	-	-	800 (55.1)	650 (44.7)	450 (31)	325 (22.3)	-	-	-	-	
U	-	-	-	-	300 (20.6)	300 (20.6)	250 (17.2)	-	200 (13.7)	150 (10.3)	-65 to 400 (-53 to 204)
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)
<b>Thermoplastic Hose</b>											
7P	-	-	2750 (189)	2250 (155)	2000 (137)	1500 (103)	1500 (103)	-	-	-	-10 to 150 (-23 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)	-	-	-	
7N	-	-	2750 (189)	2250 (155)	2000 (137)	-	-	-	-	-	
8N	-	-	-	-	-	2250 (155)	-	-	-	-	
<b>Other Hose &amp; Tubing</b>											
NG	-	-	5000 (344)	5000 (344)	5000 (344)	-	-	-	-	-	-40 to 150 (-40 to 65)
LT	40 (2.7)	30 (2)	25 (1.7)	15 (1)	10 (0.68)	-	-	-	-	-	-40 to 165 (-40 to 73)
PB	-	-	350 (24.1)	300 (20.6)	300 (20.6)	300 (20.6)	300 (20.6)	-	-	-	-40 to 200 <sup>3</sup> (-40 to 93)

<sup>1</sup> T series hose with alloy braid is rated to 1500 psig (103 bar).

<sup>2</sup> C series hose is rated from -20 to 340°F (-28 to 171°C) in the 1 1/2 and 2 in. nominal hose sizes.

<sup>3</sup> PB series hose is rated from -20 to 200°F (-28 to 93°C) in the 1 in. nominal hose size.

