

Quick Look at Hose & Flexible Tubing

End Connections, Quick Connects, and Selection Guide

San Diego Fluid System Technologies

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Metal Hose



FM Series Metal Hose



FJ Series Metal Hose



FL Series Metal Hose



FX Series Metal Hose

PTFE 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*

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

* Asterik indicates hoses and flexible tubing are locally produced with quick turn-around times.

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Swagelok

Series	Nominal Hose Size, in.										Temperature Range °F (°C)	Produced Locally
	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												
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)	
FX	-	-	6000 (413)	-	4500 (310)	-	-	-	-	-	-325 to 1000 (-200 to 537)	
Teflon Hose & Tubing												
T	-	-	3000 ¹ (206)	2500 (172)	2000 (137)	1500 (103)	1000 (68.9)	-	-	-	-65 to 450 ² (-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)	-	-	-		✓
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)	✓
Thermoplastic Hose												
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)	-	-	-	-		✓
Other Hose & Tubing												
NG	-	-	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 ³ (-40 to 93)	✓

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

² 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.

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