

QUICK LOOK: Hose and flexible tubing

End connections, quick connects and selection guide

Metal Hose & Tubing



FX Series Metal Hose



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 or contact your key account manager for a full list.



LEARN MORE
Drayton Valve & Fitting
 PH: 780.542.7988
Edmonton Valve & Fitting
 PH: 780.437.0640
Fort McMurray Valve & Fitting
 PH: 780.790.0640
edmonton.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 | |
| Metal Hose & Tubing | | | | | | | | | | | |
| 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) | 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) |
| Fluoropolymer 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) | 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.

