



Stainless steel tube products are manufactured from austenitic steel alloys that provide excellent strength and advanced corrosion resistance.

D-LINE® offers seamless stainless steel 316L round tubing manufactured under the international standard ASTM A269/A213 which possesses greater durability under pressure. It is commonly used in the food and pharmacy industry where it is required to minimize metallic contamination.

APPLICATIONS

D-LINE® Tubing serve multi-national end users in a wide range of applications in many industries including:

- Pharmaceutical industries
- Food industries
- Oil & Gas
- Medical industries
- Petroleum refining
- Marine

DESIGN FEATURES

- Stainless steel alloy 316/316L
- Fully Annealed
- Seamless tubing
- Material to per ASTM A269/A213
- Design to per ASME B31.3
- 6.10 meters (20 ft.) length
- Sour service to per NACE MR-0175

MAXIMUM ALLOWABLE PRESSURE

316/316L Stainless Steel: These ratings are conservative guide for general service. The working pressure varies depending on temperature.

TUBE O.D. SIZE	WALL THICKNESS (FRACTIONAL)												
	0.010	0.012	0.014	0.016	0.020	0.028	0.035	0.049	0.065	0.083	0.095	0.109	0.120
1/16"	5600	6900	8200	9500	12100	16800							
1/8"						8600	10900						
3/16"						5500	7000	10200					
1/4"						4000	5100	7500	10200				
5/16"							4100	5900	8100				
3/8"							3300	4800	6600				
1/2"							2600	3700	5100	6700			
5/8"								3000	4000	5200	6100		
3/4"								2400	3300	4300	5000	5800	
7/8"								2100V	2800	3600	4200	4900	
1"									2400	3200	3700	4200	4700

*Pressure is expressed in psi



Not recommended for gas service



Recommended for all services

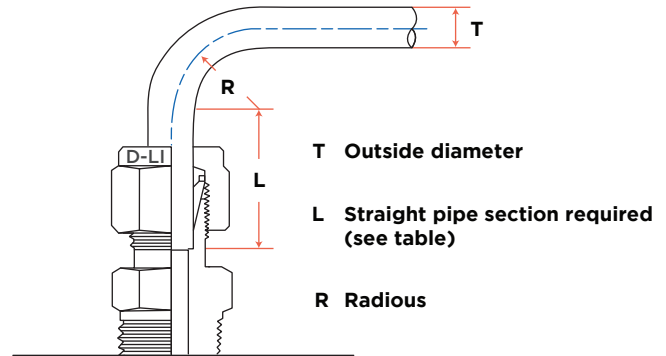
DIMENSIONS

TUBING INSTALLATION

To install tube fittings near a curve of the tubing line, it is necessary a sufficient straight section to introduce it correctly.

TUBE O.D. SIZE T	LENGTH L
1/16"	1/2"
1/8"	23/32"
3/16"	3/4"
1/4"	13/16"
5/16"	7/8"
3/8"	15/16"
1/2"	1-3/16"
5/8"	1-1/4"
3/4"	1-1/4"
7/8"	1-5/16"
1"	1-1/2"

**Dimensions are expressed in inches*



Tubing allowable stress of 20,000 psi between -20°F and 100°F and (-29°C and 37°C) based on ultimate tensile strength 75,000 psi.

Note: It is the responsibility of users to use the products for their specific application and adequately apply sealant and lubrication to system installation. Improper installation or intermixing components of other manufacturers may cause personal injury or property losses.

DLINE® TUBE FITTINGS

D-LINE® offers the tube fittings product line to complete all the requirements end users need for a pipeline with the highest quality manufactured under the most strict international standards and available for sour gas service such as NACE MR-0175.

D-LINE® tube fittings catalogue include:

- Male Elbow
- Male Connector
- Male Branch Tee
- Male Run Tee
- Union
- Reducing Union
- Union Elbow
- Union Tee
- Female Elbow
- Female Connector
- Female Branch Tee
- Female Run Tee
- Cap
- Plug
- Nuts
- Ferrules



< Scan the QR CODE for more information of our tube fittings

DIMENSIONS

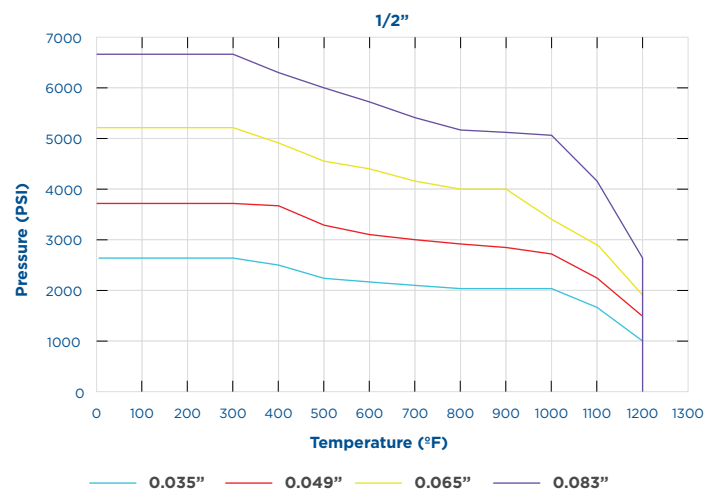
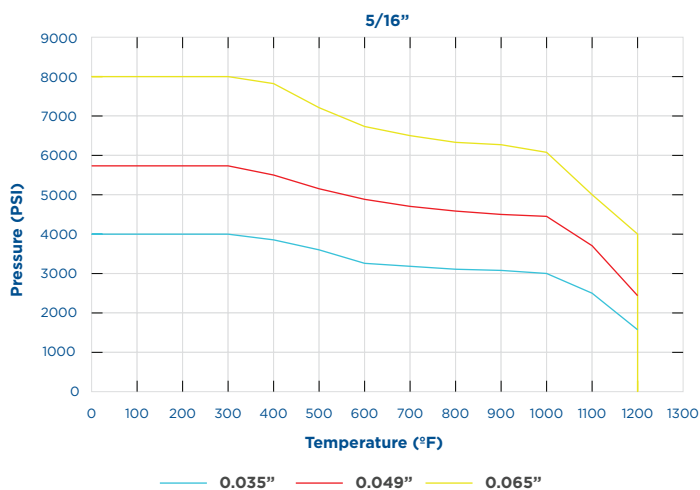
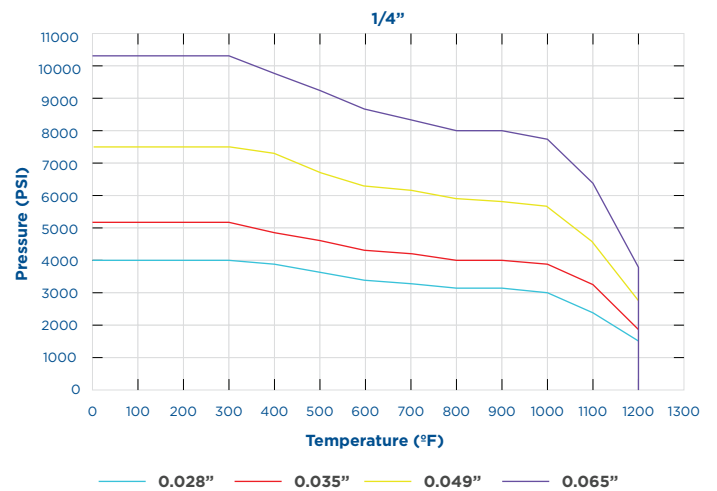
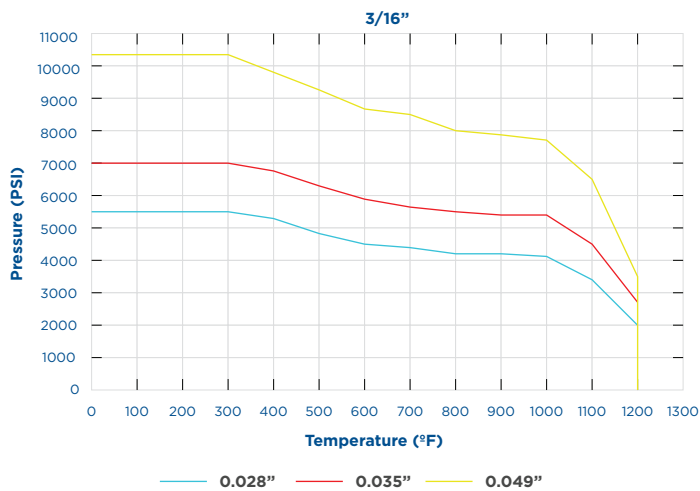
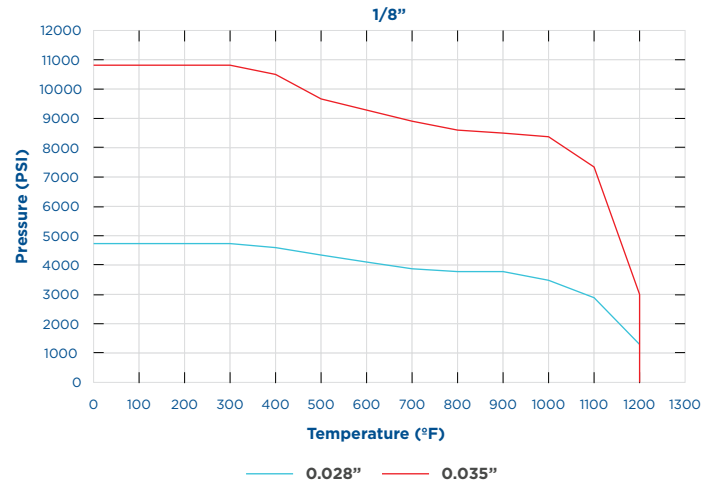
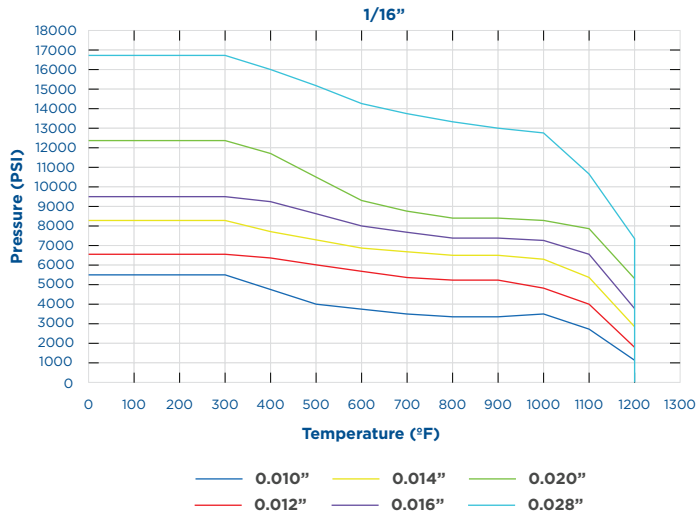
PRESSURE - TEMPERATURE RATING

These ratings are conservative guide for general service.

Previous experience in process or new development may permit applications above those shown

316/316L Stainless Steel: -321 °F to 1200°F (-196°C to 649°C)

The working pressure varies depending on temperature.



DIMENSIONS

