

Compression Fittings

Use: For use with potable water, instrumentation, hydraulic and pneumatic systems. Designed for use with aluminum, copper, and plastic tubing*. Not intended for use with steel tubing.

* Plastic tubing requires a plastic insert and sleeve (see 60PT & 63PT).

Design Features:

- Little to no tube preparation
- Available in a broad range of sizes
- Lead free product available

Operating Specifications:

- **Temperature:** -65° - 250°F max pressure
- **Working Pressure:** See chart below
- **Vibration:** Fair vibration resistance*

Standard Product

MATERIAL SPECIFICATIONS

Fitting Body	Brass
Compression Sleeve	Brass
Compression Nut	Brass
Option	Chrome Plating

Lead Free Product

MATERIAL SPECIFICATIONS

Fitting Body	Lead Free Brass
Compression Sleeve	Brass
Compression Nut	Brass
Option	Chrome Plating

Maximum Working Pressures

PSI	TUBE OD	TUBE WALL (INCHES)
400	1/8	0.030
400	3/16	0.030
300	1/4	0.030
300	5/16	0.032
200	3/8	0.032
200	1/2	0.032
150	5/8	0.035
100	3/4	0.035
75	7/8	0.035

Listings & Certifications: lead free product CSA listed to NSF 372 (Class 6853-01)

DATA SHEET

Flare Fittings

Use: For use with fuel, oil, liquid petroleum (LP), and natural gas lines. Designed for use with aluminum, copper, brass, and welded steel tubing that can be flared.

Design Features:

- Recommended for higher pressure than those covered by compression fittings
- Resist mechanical pull out
- Available in a broad range of sizes
- Lead free product available

Operating Specifications:

- **Temperature:** -65° - 250°F max pressure
 - **Working Pressure:** See chart below
 - **Vibration:** Good vibration resistance*
- *Long flare nuts are recommended when greater vibration resistance is required.

Standard Product

MATERIAL SPECIFICATIONS

Fitting Body

Brass

Lead Free Product

MATERIAL SPECIFICATIONS

Fitting Body

Lead Free Brass

Maximum Working Pressures

SERVICE CONDITIONS	TUBE OD	TYPE OF TUBING AND WALL THICKNESS (INCHES)									
		COPPER - DEAD SOFT (SEAMLESS)					COPPER - HALF HARD (SEAMLESS)				
		.030"	.032"	.035"	.049"	.065"	.032"	.035"	.042"	.049"	.065"
Safety Factor 4-1	1/8	4300		5000			5000				
	3/16	2850		3300			3400				
	1/4	2100	2250	2500			2500				
	5/16		1800	2000			2000				
	3/8		1500	1650			1700	1850			
	1/2		1100	1250		2000	1250	1400			2600
	5/8			1000	1400	1800	1000			1500	2000
	3/4			850	1150	1500			1100		1700
	7/8									1100	1500
	1										
Safety Factor 6-1	1/8	2800		3350			3400				
	3/16	1900		2200			2250				
	1/4	1430	1500	1650			1700				
	5/16		1200	1300			1350				
	3/8		100	1100			1100	1200			
	1/2		750	825		1550	850	925			1750
	5/8			650	930	1200	675			1000	1350
	3/4			550	775	1000			725		1100
	7/8									750	1000

Listings & Certifications: lead free product CSA listed to NSF 372 (Class 6853-01)

Hose Barb Fittings

Use: For use with plastic or rubber tubing. Installation requires a hose clamp

Design Features:

- Manufactured with dry seal pipe threads
- Available in a broad range of sizes
- Lead free product available

Operating Specifications:

- **Temperature:** -40° - 160°F max pressure
- **Working Pressure:** 150 PSI Maximum

Standard Product

MATERIAL SPECIFICATIONS

Fitting Body Brass

Lead Free Product

MATERIAL SPECIFICATIONS

Fitting Body Lead Free Brass

Listings & Certifications: No-lead product CSA listed to NSF 372 (Class 6853-01)

Garden Hose Fittings

Use: For use with residential and commercial grade garden hose. All female hose thread connections require a rubber washer inserted prior to installation.

Design Features:

- Available in a broad range of configurations
- Lead free product available

Operating Specifications:

- **Temperature:** -35° - 100°F max pressures
- **Working Pressure:** 75 PSI Maximum, intermittent to 150 PSI

Standard Product

MATERIAL SPECIFICATIONS

Fitting Body Brass

Lead Free Product

MATERIAL SPECIFICATIONS

Fitting Body Lead Free Brass

Listings & Certifications: lead free product CSA listed to NSF 372 (Class 6853-01)