

FLARE FITTINGS

958/975/976/978/979 SERIES

SPECIFICATION

Sioux Chief flare fittings shall be used where necessary in higher-pressure applications and/or for distribution of gasoline, grease, oil, water, air, L.P. and natural gas. Flare fittings shall be approved for use in refrigeration, air conditioning and other applications involving hard to hold liquids and gases using forged nuts.

MATERIALS

Brass

INSTALLATION

Cut tubing square and put nut onto tubing. Flare tubing with 45° flaring tool and hand tighten nut over flare and onto fitting body. Wrench tighten for positive metal-to-metal seal. Do not over tighten.

Recommended for use with copper, brass, aluminum and welded steel hydraulic tubing that can be flared. Not recommended for use with PEX, PB, or soft plastic tubing.

WORKING LIMITS

Temperature: -65 °F – 250 °F

Pressure¹:

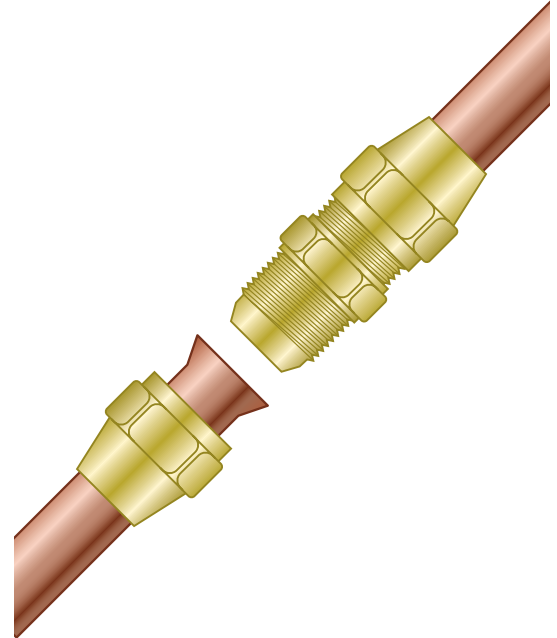
1/8" OD:	2800 PSI
3/16" OD:	1900 PSI
1/4" OD:	1400 PSI
5/16" OD:	1200 PSI
3/8" OD:	900 PSI
1/2" OD:	700 PSI
5/8" OD:	640 PSI
3/4" OD:	550 PSI
7/8" OD:	450 PSI

¹ Based on copper tube @ 70 °F. POL and Gas fittings have a max working pressure of 250 psi

THREAD SIZE

Fitting Size	45° & Inverted	POL	Gas	Fine Thread
1/8"	5/16-24			
3/16"	3/8-24			
1/4"	7/16-20	0.88-14 LHT x 1/4		
5/16"	1/2-20			
3/8"	5/8-18			9/16-24
7/16"	11/16-16			
1/2"	3/4-16			11/16-20
5/8"	7/8-14			
3/4"	1-1/16-14		15/16-16 x 5/8 Female Flare	
7/8"	1-1/4-12			

ITEM # SUBMITTED	_____
JOB NAME	_____
LOCATION	_____
ENGINEER	_____
CONTRACTOR	_____
PO#	_____ TAG _____



Item Number Series

958 = Gas
976 = 45° & Inverted
979 = POL

975 = 45° & Inverted
978 = Fine Thread