ASTM F1807 PEX
BRASS/COPPER FITTING SYSTEM

6_X SERIES

Crimp™

ITEM # SUBMITTED_____

JOB NAME_____

LOCATION _____

ENGINEER_____

CONTRACTOR_____

PO#_____ TAG _____

SPECIFICATION

Sioux Chief ASTM F1807 Crimp™ brass/copper PEX fitting system shall be used in hot and cold water distribution systems and hydronic heating applications. Fittings are approved for use with ASTM F876 PEX tubing with copper crimp ring or stainless steel compression sleeve. Please contact Sioux Chief representative for specific product information within the Sioux Chief ASTM F1807 product offering.

MATERIALS

Copper, No-Lead Brass*

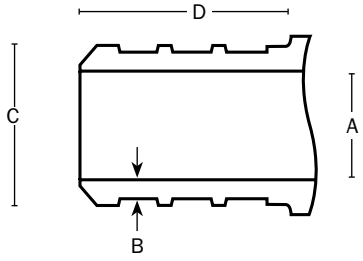
INSTALLATION NOTES

Full installation instructions can be found at www.siouxchief.com. Cut tube at 90-degrees. Do not crush OD of tubing with cutters. Be sure crimp/compression tool is properly calibrated. Compress with tool perpendicular to tube. Compress only once. Use a gauge to assure a proper joint. Remove defective connections. Pressure test all joints before use.

DIMENSIONS per ASTM F1807

		⅜"	½"	¾"	1"
A:	Ftg inside diameter	0.230" min	0.350" min	0.530" min	0.710" min
B:	Copper ftg wall thickness	0.025" min	0.028" min	0.032" min	0.035" min
	Brass ftg wall thickness	0.025" min	0.028" min	0.037" min	0.041" min
C:	Ftg barb diameter	0.345" +/- 0.004	0.471" +/- 0.004	0.667" +/- 0.004	0.856" +/- 0.004
D:	Fitting end length	0.625" min	0.625" min	0.625" min	0.625" min

* Material is C69300 dezincification and SCC resistant, and is compliant with NSF-61 Annex G and California No Lead Plumbing Law



Copper Fittings | NSF 14 | C UPC | LEAD FREE COMPLIANT

Item Number Series

- ☐ **632X_** = Copper MIP Elbow Adapters
- ☐ **632XG_** = Brass MIP Elbow Adapters
- ☐ **637X_** = Copper FIP Swivel Adapters
- ☐ **637XG_** = Brass FIP Swivel Adapters
- ☐ **640XG_** = Brass Plugs
- ☐ **641XG_** = Brass Tees
- ☐ **642X_** = Copper Elbows
- ☐ **642XG_** = Brass Elbows
- ☐ **643X_** = Copper MSWT Adapters
- ☐ **643XG_** = Brass MSWT Adapters
- ☐ **644X_** = Copper FSWT Adapters
- ☐ **644XG_** = Brass FSWT Adapters
- ☐ **645X_** = Copper Couplings
- ☐ **645XG_** = Brass Couplings
- ☐ **646XG_** = Brass MIP Adapters
- ☐ **647X_** = Copper FIP Adapters
- ☐ **647XG_** = Brass FIP Adapters
- ☐ **672X_** = Copper Manifolds
- ☐ **672XG_** = Brass Multi-port Tees