ASTM F1960 PEX BRASS FITTING SYSTEM

6_WG SERIES

Grip™

ITEM # SUBMITTED_____

JOB NAME_____

LOCATION _____

ENGINEER_____

CONTRACTOR_____

PO#_____ TAG _____

SPECIFICATION

Sioux Chief ASTM F1960 Grip™ brass PEX fitting system shall be used in hot and cold water distribution systems. Fittings are approved for use with ASTM F876 PEX tubing with cold-expansion rings. Please contact Sioux Chief representative for specific product information within the Sioux Chief ASTM F1960 product offering.

MATERIALS

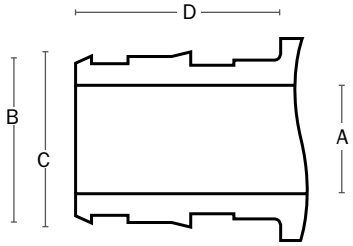
No-Lead Brass*

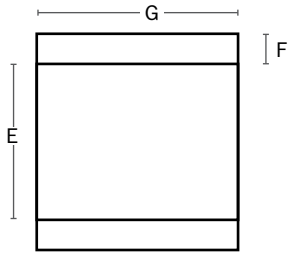
INSTALLATION NOTES

Full installation instructions can be found at www.siouxchief.com. ASTM F1960 connections with PowerPEX® type B tubing must be made with a self-rotating, power expansion tool. ASTM F1960 connections made in temperatures below 35 °F with either Sioux Chief PowerPEX® type A or type B tubing should be conditioned per Sioux Chief installation instructions to allow the tube and ring to annularly constrict around the sealing barb of the fitting thereby achieving an air-tight pressure seal. Pressure test all joints before use.

DIMENSIONS per ASTM F1960

	½"	¾"	1"
A: Ftg Inside diameter	0.378" min	0.595" min	0.795" min
B: Ftg Upper barb diameter	0.618" min 0.610" max	0.874" min 0.866" max	1.110" min 1.102" max
C: Ftg Lower barb diameter	0.579" min 0.571" max	0.795" min 0.787" max	1.032" min 1.024" max
D: Fitting end length	0.689" min 0.729" max	0.925" min 0.965" max	1.161" min 1.201" max
E: Ring inside diameter	0.633" +/- 0.003	0.882" +/- 0.004	1.134" +/- 0.004
F: Ring wall thickness	0.123" +/- 0.005	0.123" +/- 0.005	0.143" +/- 0.006
G: Ring overall height	0.630" +/- 0.020	0.866" +/- 0.020	1.102" +/- 0.030





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

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Item Number Series

- ☐ **632WG_** = Brass MIP Elbow Adapters
- ☐ **640WG_** = Brass Plugs
- ☐ **641WG_** = Brass Tees
- ☐ **642WG_** = Brass Elbows
- ☐ **643WG_** = Brass MSWT Adapters
- ☐ **644WG_** = Brass FSWT Adapters
- ☐ **645WG_** = Brass Couplings
- ☐ **646WG_** = Brass MIP Adapters
- ☐ **647WG_** = Brass FIP Adapters
- ☐ **672WG_** = Brass Multi-port Tees