TECHNICAL BULLETIN

PREFORMED COPPER FITTINGS

SUBJECT: Sioux Chief Preformed Copper Fittings
DATE: August 2017
PAGE: 1 of 1

All Sioux Chief preformed copper tube fittings for sweat are made in the U.S.A. and conform to the following specifications:

STANDARDS

Tube	ASTM B 88-03 / NSF-61
Fittings	ASME/ANSI B16.22 (Same as Nibco, EPC, Mueller)

CODES

The Uniform Plumbing Code (UPC / IAPMO) and the International Plumbing Code (IPC / ICC) lists the two standards above as requirements for copper tube and fittings. Thus all Sioux Chief preformed copper fittings meet the requirements of these codes.

BURST PRESSURE

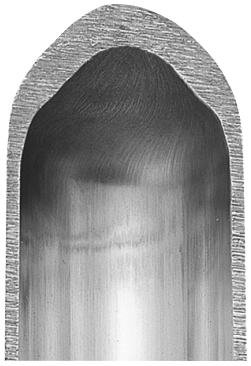
Sioux Chief spin-closed stub outs and stub out elbows have been burst tested to 2900 psig.

ELBOWS

Sioux Chief preformed elbows are factory-produced to the ASME/ANSI B16.22 Standard for Copper Sweat Fittings, in the same exact manner as common sweat elbows made by Nibco, Elkhart, and Mueller. Sioux Chief elbows should be considered as the same, regardless of the length of the leg of the Sioux Chief elbows. The bend itself is no different than a common sweat 90. The wall thickness of the back side of the bend is not thinned out, and meets all requirements of ASME/ANSI B16.22. The overall part is burst tested to 2900 psig, which means the bend can and does hold this much pressure.

PRESS/PUSH FITTING COMPATIBLE

All Sioux Chief plain end copper fittings are Press-Fitting and Push-Fitting compatible.



Spin closed ends have five times the wall thickness of the copper tube. Each fitting is factory inspected.

LEAD FREE COMPLIANT

PRESS-FIT COMPATIBLE