

# PUSH-FIT BALL VALVES

## » 648Q SERIES

### SPECIFICATION

Sioux Chief 648 Series PDQ™ ball valves for push-fit connection shall be used in hot and cold water distribution systems. Valves shall have No-Lead compliant brass bodies and plated brass ball. Fittings comply with the ASSE 1061 and NSF 61 Standards and are approved for use with CTS copper, CPVC, and SDR9 PEX tubing. Valves shall be Full-Port design with ¼-Turn operation and blowout proof stem.

### MATERIALS

**Fitting Body:** No-Lead Brass\*

**O-ring:** EPDM

**Grip Ring:** Stainless steel

**Release Collar:** Acetal

**Valve Seats:** PTFE

**Ball:** Chrome-plated

### WORKING LIMITS

600 WOG/PSI

Note: PDQ Push-Fit connection specifications are limited to those called out in their respective standards.

### INSTALLATION NOTES

See [www.siouxchief.com](http://www.siouxchief.com) for full installation instructions. When installing PEX tube, a tube stiffener (included with fitting) must be inserted into PEX tube end before pushing into PDQ fitting. Tube ends must be clean/round/smooth - any jagged or sharp edges must be removed before pushing into PDQ fitting. Be sure full insertion depth (see below) is achieved.

Always pressure test all joints before use.

### DIMENSIONS

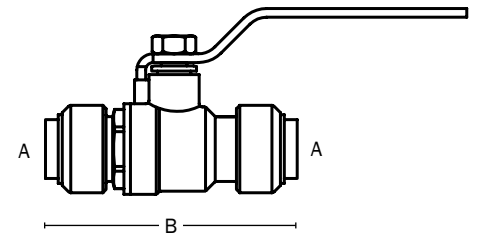
	1/2"	3/4"	1"
<b>A:</b> Connection	1/2" Nom CTS	3/4" Nom CTS	1" Nom CTS
<b>B:</b> Overall length	3.13"	3.63"	4.10"

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

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



648QG3



## Create Item Number

# 648A

e.g. **648QG3:** 3/4" PDQ Push-Fit Full-Port ball valve

### CONNECTION A

**QG2** = 1/2" Push-Fit, Full-Port ball valve

**QG3** = 3/4" Push-Fit, Full-Port ball valve

**QG4** = 1" Push-Fit, Full-Port ball valve