

## SUBMITTAL SHEET

JOB NAME	ITEM TAG
JOB LOCATION	PART NUMBER
CONTRACTOR	DATE
ENGINEER APPROVAL	DATE

## LEAD-FREE INSERT FITTINGS FOR POLYETHYLENE PIPE

### ADAPTERS, ELBOWS, TEES AND COUPLINGS

Lead-free design is suitable for all State and U.S. Federal Public Law (111-380) potable water installations.

Barbed end connections are engineered for inside-diameter-controlled (SIDR) flexible plastic polyethylene pipe.

Close barb tolerances in true-round shapes, assure high-strength connections, even in deep-well applications.

Available in lead-free bronze, lead-free brass, galvanized and stainless-steel material options

Configurations include pipe adapters, tubing adapters, rope adapters, hydrant elbows and tees, and standard insert elbows, tees and couplings.

Available in nominal sizes 1/2" to 3"

#### Working Pressure, Non Shock (PSI)

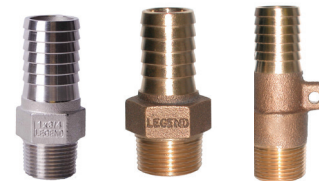
Cold working pressure (CWP): Please refer to and observe the pipe manufacturer's pressure ratings.

Saturated steam (WSP): Not suitable for steam service

- Third-party certified by UPC / IAPMO, in compliance with all State and U.S. Federal Public Law (111-380) for all lead-free potable water installations.



- Tested and certified in compliance with ANSI / NSF Standard 61 Annex G.
- Manufactured in an ISO accredited facility.



#### MATERIAL SPECIFICATION

PART	MATERIAL	SPECIFICATION
1	Bronze and brass insert fittings - All configurations	Lead-free bronze UNS alloy C89844
2	Stainless steel insert fittings - All configurations	Stainless steel, investment cast AISI Grade 304
3	Galvanized steel insert fittings - All configurations	Zinc-pated carbon steel ASTM A53

#### SPECIFICATIONS FOR BARBED INSERT FITTINGS:

All Insert fittings meet the following Standards for performance, dimensional and material requirements:

##### American National Standards Institute (A.N.S.I.):

**ANSI / ASME B1.20.1** (pipe-threaded configurations only): Pipe Threads, General Purpose (Inch)

**ANSI / ASME B16.18** (solder configurations only): Cast Copper Alloy Solder Joint Pressure Fittings

**ANSI B36.1** (galvanized steel configurations only): Welded and seamless wrought steel pipe.

##### American Society for Testing and Materials (A.S.T.M.):

**ASTM A53** (galvanized steel configurations only): Standard specification for pipe, steel, black and hot-dipped zinc coated, welded and seamless.

**ASTM A733** (galvanized steel configurations only): Standard specification for welded and seamless carbon steel and austenitic stainless steel pipe nipples.

**ASTM A123** (galvanized steel configurations only): Standard specification for zinc coating galvanization, hot-dip application.

