

PEX ASTM F2159 FITTING SYSTEM

»» 6—XP SERIES

AccuCrimp™

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

SPECIFICATION

Sioux Chief's PPSU AccuCrimp PEX fitting and manifold system shall be used to make 1/2", 3/4", and 1" safe plumbing and heating connections. AccuCrimp fittings are approved for use with ASTM F876 PEX tubing with either copper crimp ring or V-Sleeves. AccuCrimp fittings shall incorporate the patented feature of positioning fingers, which perfectly align either a crimp ring or V-Sleeve over the barbs.

MATERIALS

NSF listed polysulfone / polyphenylsulfone Acudel (PPSU)

APPLICATION

For use with hot and cold water distribution systems.

MARKINGS/CERTIFICATIONS

| | |
|--------------|----------------|
| AccuCrimp | Patent Pending |
| cNSF us pw-G | U.P. Code |
| ASTM F2159 | CSA B137.5 |
| PPSU | |

HANDLING

Solvents, glues, lubricants, pipe dopes, ethylene glycol, thread oils and paste should not come in contact with PPSU fittings. Store fittings away from petroleum products and direct sunlight (UV exposure).

AccuCrimp products are suitable for radiant heating and cooling under the following conditions.

1. Use only propylene glycol (food grade) to maximum 60% by volume
2. DO NOT USE ETHYLENE GLYCOL WITH ACCUCRIMP PRODUCT
3. Maximum temp: 194°F (90°C) at 44 PSI
4. Recommended Corrosion Inhibitors: Metal Guard™
 - H50 6% by volume
 - H60 4% by volume
 - H80 4% by volume

INSTALLATION

1. Cut SDR-9 PEX tubing squarely.
2. Place copper crimp ring or V-Sleeve over the end of tubing.
3. Insert fitting into tubing. BE SURE positioning fingers engage ring/sleeve for proper placement over sealing barbs. For V-Sleeve installs, be sure to tubing end is witnessed through the sleeve's sight-slots.
4. Place properly calibrated crimp tool over the ring/V-Sleeve at a 90-degree angle to tubing run.
5. Crimp fully. Only crimp once. If a mistake was made or bad crimp was evidenced, cut off and replace.
6. Use a 'Go/No Go' gauge to assure connection has been made. Check with all local plumbing codes prior to installation. Test.

DIMENSIONS per ASTM F2159

| | 1/2" | 3/4" | 1" |
|--------------------------|------------|------------|------------|
| A: inside diameter (ID) | .315 | .460 | .610 |
| B: outside diameter (OD) | .473+-.003 | .668+-.003 | .856+-.003 |
| C: fitting end length | .700+-.02 | .700+-.02 | .850+-.02 |



641XP222

642XP2



645XP2

646XP2

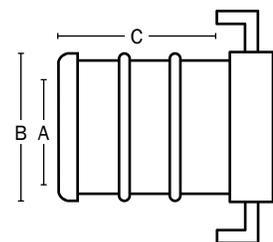
640XP2



632XP222M

637XP20

637XP25



NOTE: 1/2" and 3/4" fittings have 2 ribs for sealing. 1" has 3 ribs.

