

| | |
|------------------|--|
| job name: | |
| job location: | |
| engineer: | |
| contractor: | |
| tag: | |
| po#: | |
| rep: | |
| wholesale dist.: | |

description

Designed to protect and prevent pipe deterioration associated with galvanic corrosion when transitioning between piping systems with dissimilar metals (copper to steel/galvanized steel). Available in sizes 1/2" through 2" for Press x FPT connections. Approved for use with ASTM B88 compliant hard-drawn copper tubing (types K, L, and M) for sizes 1/2" through 2"; approved for use with soft-drawn copper tubing sizes 1/2" through 1-1/4".

features

- compact design for installations in tight spaces
- copper tailpiece for maximum corrosion resistance
- permanently secured/trapped nylon insulator
- optimal insulator and washer thickness for improved dielectric isolation
- zinc coated steel nut and adapter
- leak before press® technology

performance rating

- maximum pressure: 300 psi
- temperature range: 0°F - 250°F

certifications

- NSF/ANSI 61
- NSF/ANSI 372

compliant with

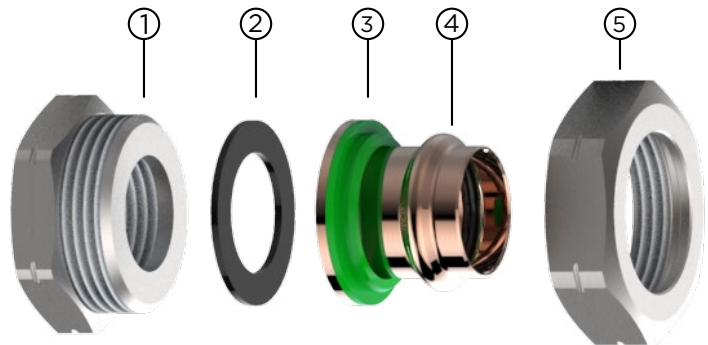
- ASME B16.51
- ASME B1.20.1
- IAPMO PS 117

applications

- general utility
- potable water
- hydronic heating
- chilled water
- low-pressure steam (15 psi max)
- compressed air (oil content ≤ 25mg/m3)
- vacuum (29.2" hg, 160°F max)

standard materials list

| component | | material |
|-----------|-----------------|-------------------------------|
| 1 | NPT adapter nut | zinc coated 1018 carbon steel |
| 2 | washer/gasket | EPDM |
| 3 | insulator ring | nylon |
| 4 | press adapter | C12200 copper |
| | sealing element | EPDM |
| 5 | jam nut | zinc coated 1018 carbon steel |



dimensions

| part number | P | FPT | dimensions (in.) | | | | wt. (lb.) |
|-------------|-------|-------|------------------|------|------|------|-----------|
| | | | A | B | C | D | |
| 10077914 | 1/2 | 1/2 | 2.19 | 0.75 | 1.44 | 1.70 | 0.48 |
| 10077920 | 3/4 | 3/4 | 2.30 | 0.91 | 1.39 | 1.98 | 0.58 |
| 10077926 | 1 | 1 | 2.44 | 0.91 | 1.53 | 2.50 | 0.99 |
| 10077932 | 1-1/4 | 1-1/4 | 2.69 | 1.03 | 1.66 | 2.83 | 1.21 |
| 10077938 | 1-1/2 | 1-1/2 | 3.08 | 1.43 | 1.65 | 3.11 | 1.66 |
| 10077944 | 2 | 2 | 3.35 | 1.58 | 1.77 | 3.97 | 2.46 |

