

SUBMITTAL SHEET

Copper Press Fittings

Copper Press Fittings are NSF listed, lead free and feature an EPDM O-ring to ensure a clean, leak-free seal. Utilizing a hydraulic press tool, a watertight seal can be made in seconds without flame, solder, or flux. Each press fitting comes standard with leak-before-press technology to easily identify a fitting that has not been pressed. Connection can be made in wet conditions reducing project downtime. These fittings are available in sizes from 1/2 in. to 1 in. and are compatible with all major hydraulic press tools.

Features:

- Leak-Before-Press Technology.
- No solder necessary for installation.
- Flameless press technology eliminates need for burn permits.
- Dezincification resistant.
- Suitable for underground installation.

Specifications:

- Operating pressure: 300 psi CWP
- Temperature range: 32°F - 250°F

Approvals:

- NSF
- IAPMO

Installation:

Cut type K, L, or M hard copper tube squarely using a rotary tube cutter. Remove burrs to ensure tube end is smooth and clean to avoid damaging the O-ring. Identify the depth, using the Depth Chart, and measure the tube from the end, marking it clearly on the exterior of the tube. This ensures a proper seal of fittings and tube. While turning the tube slightly, slide the press fitting to the marked depth. Press the joint.

| Press Tubing Insertion Depth | | | |
|------------------------------|---------|---------|---------|
| Nominal Tubing Size | 1/2 in. | 3/4 in. | 1 in. |
| Insertion Depth (in.) | 3/4 in. | 7/8 in. | 7/8 in. |

| | |
|-----------------|--|
| Job Name: | |
| Job Location: | |
| Engineer: | |
| Contractor: | |
| Tag: | |
| PO Number: | |
| Representative: | |



PRESS



Press Couplings With Stops

| Part Number | Description | H | W | D | Wt (lbs) | Carton Qty | UPC |
|-------------|--|------|------|------|----------|------------|--------------|
| XPRC12 | 1/2 in. x 1/2 in. Copper Press Coupling with Dimple Stop | 0.50 | 1.63 | 0.50 | 0.08 | 20 | 810053460047 |
| XPRC1250JR | 1/2 in. x 1/2 in. Copper Press Coupling with Dimple Stop (50-Pack Jar) | 0.50 | 1.63 | 0.50 | 0.08 | 2 | 810053460351 |
| XPRC3412 | 3/4 in. x 1/2 in. Copper Press Reducing Coupling | 0.75 | 2.09 | 0.50 | 0.12 | 10 | 810053460207 |
| XPRC34 | 3/4 in. x 3/4 in. Copper Press Coupling with Dimple Stop | 0.75 | 2.04 | 0.75 | 0.13 | 10 | 810053460184 |
| XPRC3420JR | 3/4 in. x 3/4 in. Copper Press Coupling with Dimple Stop (20-Pack Jar) | 0.75 | 2.04 | 0.75 | 0.13 | 2 | 810053460382 |
| XPRC134 | 1 in. x 3/4 in. Copper Press Reducing Coupling | 1.00 | 2.24 | 0.75 | 0.16 | 10 | 810053460252 |
| XPRC1 | 1 in. x 1 in. Copper Press Coupling with Dimple Stop | 1.00 | 2.04 | 1.00 | 0.17 | 10 | 810053460290 |



Press Couplings Without Stops

| Part Number | Description | H | W | D | Wt (lbs) | Carton Qty | UPC |
|-------------|--|------|------|------|----------|------------|--------------|
| XPRC12NS | 1/2 in. x 1/2 in. Copper Press Coupling with No Stop | 0.50 | 1.72 | 0.50 | 0.08 | 20 | 810053460030 |
| XPRC34NS | 3/4 in. x 3/4 in. Copper Press Coupling with No Stop | 0.75 | 2.05 | 0.75 | 0.13 | 10 | 810053460177 |
| XPRC1NS | 1 in. x 1 in. Copper Press Coupling with No Stop | 1.00 | 2.05 | 1.00 | 0.18 | 10 | 810053460283 |



Press Caps

| Part Number | Description | H | W | D | Wt (lbs) | Carton Qty | UPC |
|-------------|-------------------------------|------|------|------|----------|------------|--------------|
| XPRCAP12 | 1/2 in. Copper Press Tube Cap | 0.50 | 1.00 | 0.50 | 0.05 | 20 | 810053460078 |
| XPRCAP34 | 3/4 in. Copper Press Tube Cap | 0.75 | 1.25 | 0.75 | 0.08 | 10 | 810053460214 |
| XPRCAP1 | 1 in. Copper Press Tube Cap | 1.00 | 1.50 | 1.00 | 0.10 | 10 | 810053460313 |

Press Caps

| Part Number | Description | H | W | D | Wt (lbs) | Carton Qty | UPC |
|-------------|---|------|------|------|----------|------------|--------------|
| XPRDEE12 | 1/2 in. x 1/2 in. Copper 90° Press x Brass FPT Drop Ear Elbow | 2.81 | 2.08 | 1.47 | 0.26 | 20 | 810053460108 |
| XPRE12 | 1/2 in. Copper 90° Press x Press Elbow | 2.03 | 2.03 | 1.00 | 0.12 | 20 | 810053460085 |
| XPRE1230JR | 1/2 in. Copper 90° Press x Press Elbow (30-Pack Jar) | 2.03 | 2.03 | 1.00 | 0.12 | 2 | 810053460368 |
| XPRE34 | 3/4 in. Copper 90° Press x Press Elbow | 2.59 | 2.59 | 1.25 | 0.20 | 10 | 810053460238 |
| XPRE3415JR | 3/4 in. Copper 90° Press x Press Elbow (15-Pack Jar) | 2.59 | 2.59 | 1.25 | 0.20 | 2 | 810053460375 |
| XPRE1 | 1 in. Copper 90° Press x Press Elbow | 2.99 | 2.99 | 1.50 | 0.28 | 10 | 810053460337 |
| XPRE1245 | 1/2 in. Copper 45° Press x Press Elbow | 2.13 | 1.50 | 1.00 | 0.10 | 20 | 810053460092 |
| XPRE3445 | 3/4 in. Copper 45° Press x Press Elbow | 2.70 | 1.90 | 1.25 | 0.17 | 10 | 810053460245 |
| XPRE145 | 1 in. Copper 45° Press x Press Elbow | 3.00 | 1.63 | 1.63 | 0.23 | 10 | 810053460344 |



Press Valves

| Part Number | Description | H | W | D | Wt (lbs) | Carton Qty | UPC |
|-------------|--|------|------|------|----------|------------|--------------|
| 94VLF10301A | 1/2 in. Brass Press x Press Full Port Ball Valve | 6.00 | 1.75 | 6.00 | 0.53 | 10 | 670750747816 |
| 94VLF10401A | 3/4 in. Brass Press x Press Full Port Ball Valve | 5.75 | 1.75 | 5.75 | 0.81 | 10 | 670750747823 |
| 94VLF10501A | 1 in. Brass Press x Press Full Port Ball Valve | 6.48 | 2.25 | 6.48 | 1.29 | 10 | 670750747830 |

PRESS



Press Female Adapters

| Part Number | Description | H | W | D | Wt (lbs) | Carton Qty | UPC |
|-------------|--|------|------|------|----------|------------|--------------|
| XPRFA12 | 1/2 in. x 1/2 in. Copper Press x FPT Adapter | 0.50 | 1.61 | 0.50 | 0.12 | 20 | 810053460061 |
| XPRFA1234 | 1/2 in. x 3/4 in. Copper Press x FPT Adapter | 0.50 | 1.64 | 0.75 | 0.17 | 20 | 810053460009 |
| XPRFA34 | 3/4 in. x 3/4 in. Copper Press x FPT Adapter | 0.75 | 1.82 | 0.75 | 0.19 | 10 | 810053460221 |
| XPRFA1 | 1 in. x 1 in. Copper Press x FPT Adapter | 1.00 | 1.88 | 1.00 | 0.28 | 10 | 810053460320 |



Press Male Adapters

| Part Number | Description | H | W | D | Wt (lbs) | Carton Qty | UPC |
|-------------|--|------|------|------|----------|------------|--------------|
| XPRMA12 | 1/2 in. x 1/2 in. Copper Press x MPT Adapter | 0.50 | 1.76 | 0.50 | 0.10 | 20 | 810053460054 |
| XPRMA3412 | 3/4 in. x 1/2 in. Copper Press x MPT Adapter | 0.50 | 2.00 | 0.75 | 0.19 | 10 | 810053460146 |
| XPRMA34 | 3/4 in. x 3/4 in. Copper Press x MPT Adapter | 0.75 | 1.88 | 0.75 | 0.16 | 10 | 810053460191 |
| XPRMA1 | 1 in. x 1 in. Copper Press x MPT Adapter | 1.00 | 2.20 | 1.00 | 0.28 | 10 | 810053460306 |



Press Tees

| Part Number | Description | H | W | D | Wt (lbs) | Carton Qty | UPC |
|-------------|---|------|------|------|----------|------------|--------------|
| XPRT12 | 1/2 in. x 1/2 in. x 1/2 in. Copper Press Tee | 3.11 | 1.00 | 0.75 | 0.21 | 20 | 810053460016 |
| XPRT341212 | 3/4 in. x 1/2 in. x 1/2 in. Copper Press Reducing Tee | 3.39 | 1.25 | 0.75 | 0.28 | 10 | 810053460139 |
| XPRT341234 | 3/4 in. x 1/2 in. x 3/4 in. Copper Press Reducing Tee | 3.71 | 1.25 | 0.75 | 0.32 | 10 | 810053460122 |
| XPRT343412 | 3/4 in. x 3/4 in. x 1/2 in. Copper Press Reducing Tee | 3.39 | 1.25 | 0.75 | 0.28 | 10 | 810053460115 |
| XPRT34 | 3/4 in. x 3/4 in. x 3/4 in. Copper Press Tee | 3.58 | 2.16 | 0.75 | 0.35 | 10 | 810053460153 |
| XPRT1134 | 1/2 in. x 1/2 in. x 3/4 in. Copper Press Reducing Tee | 3.57 | 2.47 | 1.00 | 0.44 | 10 | 810053460269 |
| XPRT1 | 1 in. x 1 in. x 1 in. Copper Press Tee | 3.82 | 1.50 | 1.00 | 0.47 | 10 | 810053460276 |



Press Unions

| Part Number | Description | H | W | D | Wt (lbs) | Carton Qty | UPC |
|-------------|--|------|------|------|----------|------------|--------------|
| XPRU12 | 1/2 in. x 1/2 in. Copper Press x Press Union | 0.50 | 2.82 | 0.50 | 0.34 | 20 | 810053460023 |
| XPRU34 | 3/4 in. x 3/4 in. Copper Press x Press Union | 0.75 | 3.00 | 0.75 | 0.45 | 10 | 810053460160 |



Press PEX Adapters

| Part Number | Description | H | W | D | Wt (lbs) | Carton Qty | UPC |
|-------------|--|------|------|------|----------|------------|--------------|
| EPXPR1212 | 1/2 in. x 1/2 in. Brass PEX-A Barb x Press Adapter | 0.50 | 1.89 | 0.50 | 0.09 | 10 | 850003465739 |
| EPXPR3434 | 3/4 in. x 3/4 in. Brass PEX-A Barb x Press Adapter | 0.75 | 2.28 | 0.75 | 0.14 | 10 | 850003465746 |
| EPXPR11 | 1 in. x 1 in. Brass PEX-A Barb x Press Adapter | 1.00 | 2.46 | 1.00 | 0.21 | 10 | 850003465753 |
| APXPR1212 | 1/2 in. x 1/2 in. Brass PEX-B Barb x Press Adapter | 0.50 | 1.84 | 0.50 | 0.07 | 12 | 850003465708 |
| APXPR3434 | 3/4 in. x 3/4 in. Brass PEX-B Barb x Press Adapter | 0.75 | 1.92 | 0.75 | 0.11 | 12 | 850003465715 |
| APXPR11 | 1 in. x 1 in. Brass PEX-B Barb x Press Adapter | 1.00 | 2.09 | 1.00 | 0.15 | 12 | 850003465722 |

