

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

