



**XPRESS™**  
THE FASTER FIT

**Leak Free Connections  
In Seconds**



THE PRESS-FIT JOINING SYSTEM FOR 1/2" - 4" LINES

**Elkhart Products Corporation**  
For the perfect fit





# The XPress™ System Advantage

The heat-free principle of the joining process is one of the major benefits of the XPress System. Removing the need to obtain "Hot Work" permits, which can have costly insurance implications, and eliminating the potential of flame damage is another benefit of the XPress system.

## The Principle of the XPress Joint.

XPress fittings achieve a sound joint through the exertion of pressure from a press-fit tool; a purpose designed O-ring provides the mechanism by which a perfect seal is created. Ensuring that the tube is fully inserted into the fitting, the jaws of the press-fit tool are placed around the collar of the fitting, which contains an EPDM O-ring. With the jaws at a 90° angle to the fitting, the press-fit tool is activated and the jaws compress the O-ring tightly onto the tube creating a strong and reliable joint.

## Compatible with Most Commercially-available Press-Fit Tools

 <p><b>320-E</b> Pressing Tool</p>	 <p><b>CT-400</b> Pressing Tool</p>	 <p><b>100-B</b> Pressing Tool</p>
<p>Check our website or our factory for latest approved tool listing.</p>		 <p><b>Standard Series Tools</b></p>

## BENEFITS TO THE PRESS FIT SYSTEM

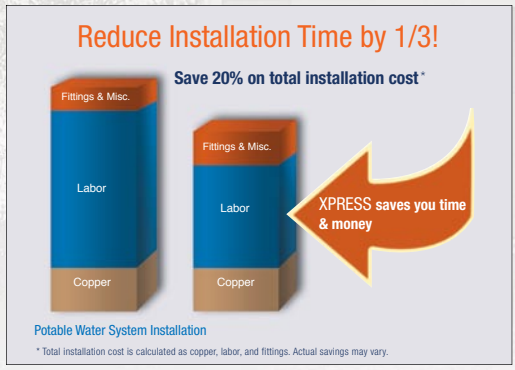


**HEAT FREE**  
Reduces fire hazard  
Utilizes press fit technology



XPress combines all the known advantages of copper with clean, rapid, heat-free joining technology. XPress avoids complicated clamping techniques, long preparation procedures and adhesive curing times which, all lead to increased installation times.

The cost benefits of the system do not end with time and insurance. The creation of a sound joint requires only the use of a press-fit tool. The need to purchase and store gases, adhesives, fluxes, solders, threading machines or any other equipment is avoided.



# Material Compatibility

XPress fittings are designed to operate at temperatures from 0° to 250°F and a maximum working pressure of 200 psi. XPress fittings are designed for use with ASTM B88 hard drawn and annealed Copper tube, type K, L, or M, in the 1/2" to 4" size range. XPress is approved for underground installations. All XPress fittings carry a 50-year warranty ensuring your push connection will stay perfect.



## FAST & SIMPLE

Easy installation. Reduce installation time by 1/3. Connect in under 8 seconds.



## CLEAN

No glues, fluxes or solder needed.



## NO CONSUMABLE MATERIALS

Reduces material cost and storage

# Leak-Free Joints Utilizing Press-Fit Technology.

## Typical Fluid Applications

- Potable water
- Potable water system flushing chemicals
- Chilled water with corrosion inhibitors
- Hydronic heating
- Rainwater/greywater



## Fitting Socket Depths

Tube Size	Socket Depth
1/2"	13/16"
3/4"	17/32"
1"	15/16"
1 1/4"	1 1/32"
1 1/2"	1 3/16"
2"	1 3/8"
2 1/2"	2"
3"	2"
4"	2 3/8"

1/2" thru 2"

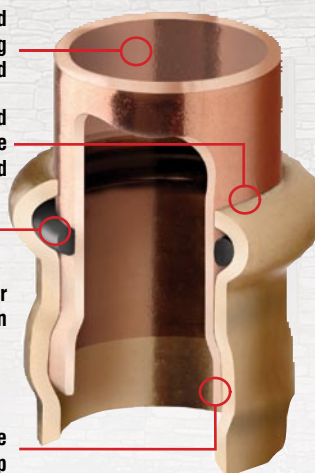
2-1/2" thru 4"

Tubing is inserted to depth of fitting and is secured

Specially designed forward seal to leak at low pressure if joint not pressed

Visible EPDM O-ring for visual seal confirmation

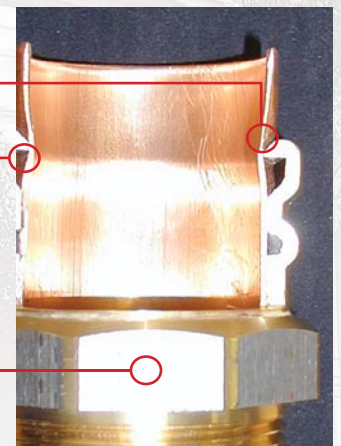
Rear crimp causes tube flair for mechanical grip



Specially designed grip edge

Deep press for added pressure resistance

Continuous cast GM bar construction



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# Other joining technologies from Elkhart Products.



## QTITE™ WORK QUICK

When you want to join CPVC, PEX or Copper supply lines, it's easy to make a permanent joint with QTite™ Fittings from Elkhart Products. QTite fittings provide plumbing system design flexibility by allowing you to join dissimilar pipe materials with just one fitting. The fittings simply push together in seconds to create the perfect joint, reducing labor and material costs. No torches, heat, flux, or solder is required.



## TECTITE™ WORK SMART

TecTite™ fittings provide plumbing system design flexibility by allowing you to join dissimilar pipe materials with just one fitting. The fittings simply push together in seconds to create the perfect joint. No torches, heat, flux, or solder is required. They are designed to join supply lines from 1/2" to 2," meet a wide variety of plumbing code requirements and can be used in potable water, hot water heating, chilled water or compressed air systems. If your design specifications change, simply remove the fitting and reuse it in any other part of the system for a clean efficient installation.



## WROTCOPPER

When you need solder joint fittings for any plumbing system application, look to Elkhart Products. We have engineered and manufactured a wide variety of pressure, drainage and flared fittings to stringent specifications for over 60 years.

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For more information visit our website at [www.elkhartproducts.com](http://www.elkhartproducts.com)

### Guaranteed

Our 50-year warranty ensures that your push-fit connection will stay perfect. Designed and manufactured to last for years on installations ranging in size from 1/2" to 4".

