

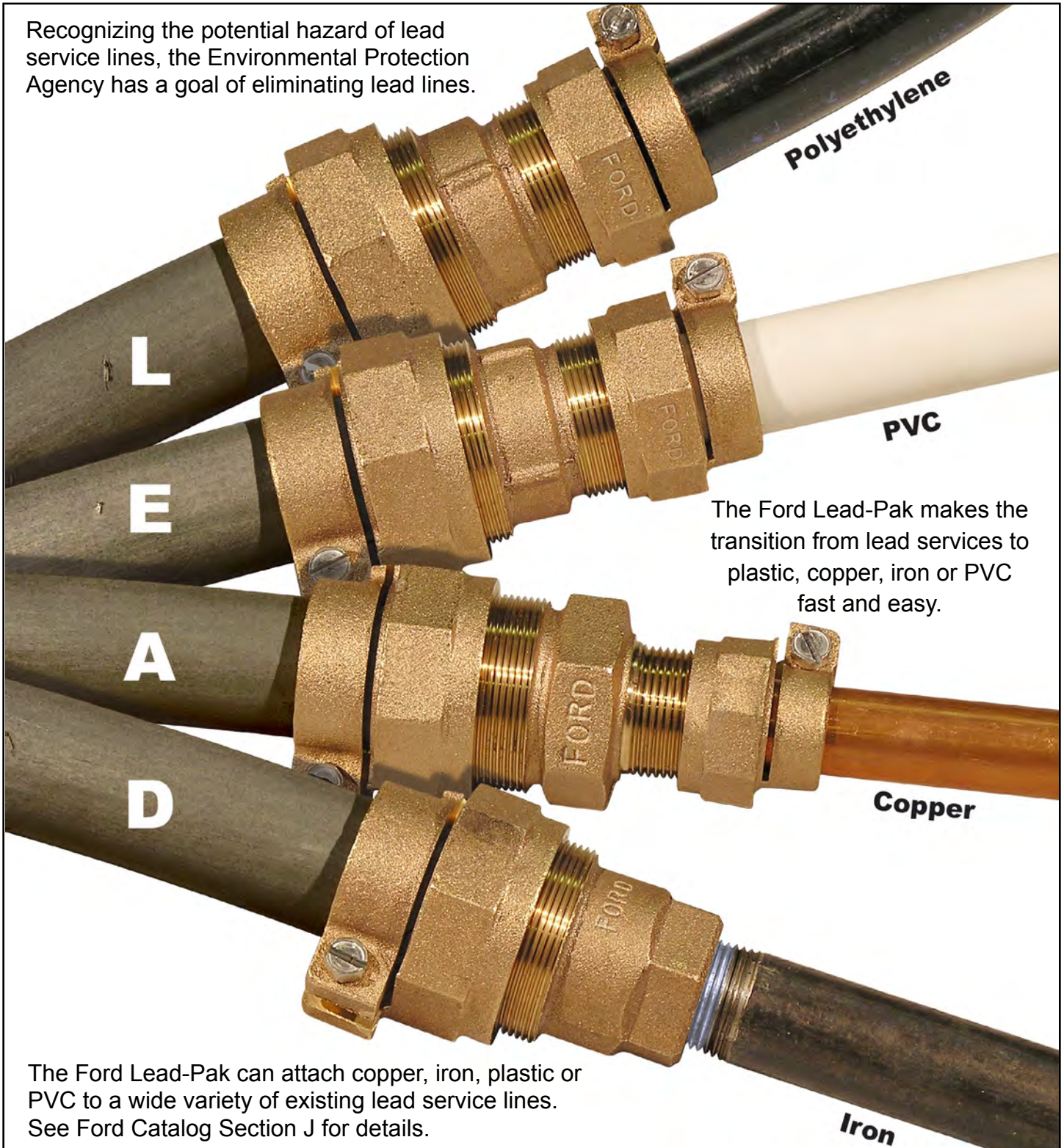


Lead-Pak Couplings

Product Application

Lead-Pak Couplings

Recognizing the potential hazard of lead service lines, the Environmental Protection Agency has a goal of eliminating lead lines.



The Ford Lead-Pak makes the transition from lead services to plastic, copper, iron or PVC fast and easy.

The Ford Lead-Pak can attach copper, iron, plastic or PVC to a wide variety of existing lead service lines. See Ford Catalog Section J for details.



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Lead-Pack Couplings

Recognizing the potential hazard of lead service lines, the Environmental Protection Agency has a goal of eliminating lead lines. As buried lead services are unearthed because of construction or line failure, an opportunity exists to replace lead with a different type of material. By using the Lead-Pack you can attach copper, iron, plastic or PVC to an existing lead service line. **Follow federal, state, and local regulations and AWWA best practices (AWWA C810) to reduce exposure to lead in potable water.**

Lead-Pack Connections - How the Lead-Pack Works

1. Tightening the large Lead-Pack Nut compresses an EPDM beveled gasket to make it watertight around the pipe or tubing.
2. There is a split clamp locking device which is drawn down securely on the pipe by tightening a stainless steel screw.
3. Machined grooves in the clamp provide positive gripping action.
4. Lead-Pack Couplings are available with a variety of adapter connections, including female iron pipe threads, male iron pipe threads, flared copper, and compression fittings for copper, plastic or PVC.

Lead-Pack Couplings

CATALOG NUMBER	DESCRIPTION			APPROX. WT. LBS.
LEAD PIPE TO FEMALE IRON PIPE THREAD				
* Q11-23-Q31-13-NL	1/2" dbl. extra strong lead (XXS) or 5/8" strong lead (S)	x	3/4" female iron pipe thread	0.8
Q21-23-NL (C16-33-NL)	5/8" extra strong lead (XS)	x	3/4" female iron pipe thread	0.7
* Q11-33-Q31-23-NL	5/8" dbl. extra strong lead (XXS) or 3/4" strong lead (S)	x	3/4" female iron pipe thread	0.7
Q21-33-NL	3/4" extra strong lead (XS)	x	3/4" female iron pipe thread	1.0
Q31-33-NL	3/4" dbl. extra strong lead (XXS)	x	3/4" female iron pipe thread	1.2
Q21-44-NL	1" extra strong lead (XS)	x	1" female iron pipe thread	1.5
LEAD PIPE TO SOLDER FITTING FOR COPPER TUBING				
Q2S-13-NL	1/2" extra strong lead (XS)	x	3/4" solder fit. copper tubing	0.5
* Q1S-23-Q3S-13-NL	1/2" dbl. extra strong lead (XXS) or 5/8" strong lead (S)	x	3/4" solder fit. copper tubing	0.9
Q2S-23-NL	5/8" extra strong lead (XS)	x	3/4" solder fit. copper tubing	0.7
* Q1S-33-Q3S-23-NL	5/8" dbl. extra strong lead (XXS) or 3/4" strong lead (S)	x	3/4" solder fit. copper tubing	0.7
Q2S-33-NL	3/4" extra strong lead (XS)	x	3/4" solder fit. copper tubing	1.0
Q1S-44-AWT-NL	1" strong lead (S)	x	1" solder fit. copper tubing	1.5
** Q2S-44-AWT-NL	1" extra strong lead (XS)	x	1" solder fit. copper tubing	2.0
** Q3S-44-AWT-NL	1" dbl. extra strong lead (XXS)	x	1" solder fit. copper tubing	2.0
LEAD PIPE TO LEAD PIPE				
Q2Q2-11-NL (C44-33-NL)	1/2" extra strong lead (XS)	x	1/2" extra strong lead (XS)	0.9
* Q1Q1-22-Q3Q3-11-NL	1/2" dbl. extra strong lead (XXS) or 5/8" strong lead (S)	x	1/2" dbl. extra strong lead (XXS) or 5/8" strong lead (S)	1.1
Q2Q2-22-NL (C66-33-NL)	5/8" extra strong lead (XS)	x	5/8" extra strong lead (XS)	1.2
* Q1Q1-33-Q3Q3-22-NL	5/8" dbl. extra strong lead (XXS) or 3/4" strong lead (S)	x	5/8" dbl. extra strong lead (XXS) or 3/4" strong lead (S)	1.2
Q2Q2-33-NL	3/4" extra strong lead (XS)	x	3/4" extra strong lead (XS)	1.7
Q3Q3-33-NL	3/4" dbl. extra strong lead (XXS)	x	3/4" dbl. extra strong lead (XXS)	2.2
Q1Q1-44-NL	1" strong lead (S)	x	1" strong lead (S)	2.8
Q2Q2-44-NL	1" extra strong lead (XS)	x	1" extra strong lead (XS)	2.8
Q3Q3-44-NL	1" dbl. extra strong lead (XXS)	x	1" dbl. extra strong lead (XXS)	2.8
Q2Q2-55-NL (C66-55-NL)	1-1/4" extra strong lead (XS)	x	1-1/4" extra strong lead (XS)	3.0
Q2Q2-66-NL (C66-66-IDR7-NL)	1-1/2" extra strong lead (XS)	x	1-1/2" extra strong lead (XS)	4.5
LEAD PIPE TO PACK JOINT FOR COPPER OR PLASTIC TUBING (CTS)				
Q24-13-NL (C44-33-NL)	1/2" extra strong lead (XS)	x	3/4" cop. or plastic tubing (CTS)	0.9
Q14-22-Q34-12-NL	1/2" dbl. extra strong lead (XXS) or 5/8" dbl. extra strong lead (XXS)	x	5/8" cop. or plastic tubing (CTS)	1.1
* Q14-23-Q34-13-NL	1/2" dbl. extra strong lead (XXS) or 5/8" strong lead (S)	x	3/4" cop. or plastic tubing (CTS)	1.1
♦ Q24-23-NL (C46-33-NL)	5/8" extra strong lead (XS)	x	3/4" cop. or plastic tubing (CTS)	1.0
♦ Q24-24-NL (C46-43-NL)	5/8" extra strong lead (XS)	x	1" cop. or plastic tubing (CTS)	1.2
Q34-24-NL	5/8" dbl. extra strong lead (XXS)	x	1" cop. or plastic tubing (CTS)	1.2
* Q14-33-Q34-23-NL	5/8" dbl. extra strong lead (XXS) or 3/4" strong lead (S)	x	3/4" cop. or plastic tubing (CTS)	1.1
♦ Q24-33-NL	3/4" extra strong lead (XS)	x	3/4" cop. or plastic tubing (CTS)	1.3
Q24-34-NL	3/4" extra strong lead (XS)	x	1" cop. or plastic tubing (CTS)	1.3
Q34-33-NL	3/4" dbl. extra strong lead (XXS)	x	3/4" cop. or plastic tubing (CTS)	1.7
Q24-43-NL	1" extra strong lead (XS)	x	3/4" cop. or plastic tubing (CTS)	1.7
Q34-43-NL	1" dbl. extra strong lead (XXS)	x	3/4" cop. or plastic tubing (CTS)	1.7
Q14-44-NL	1" strong lead (S)	x	1" cop. or plastic tubing (CTS)	1.8
Q24-44-NL	1" extra strong lead (XS)	x	1" cop. or plastic tubing (CTS)	1.8
Q34-44-NL	1" dbl. extra strong lead (XXS)	x	1" cop. or plastic tubing (CTS)	1.8
Q24-56-C46-65-NL	1-1/4" extra strong lead (XS)	x	1-1/2" cop. or plastic tubing (CTS)	3.0
Q24-66-C46-66-IDR7-NL	1-1/2" extra strong lead (XS)	x	1-1/2" cop. or plastic tubing (CTS)	3.8
Q24-77-NL	2" extra strong lead (XS)	x	2" cop. or plastic tubing (CTS)	6.3
LEAD PIPE TO PACK JOINT FOR PE PIPE				
Q26-13-NL (C46-33-NL)	1/2" extra strong lead (XS)	x	3/4" PE pipe P.J.	1.0
Q26-23-NL (C66-33-NL)	5/8" extra strong lead (XS)	x	3/4" PE pipe P.J.	1.2
Q36-23-NL	5/8" dbl. extra strong lead (XXS)	x	3/4" PE pipe P.J.	1.2
Q36-33-NL	3/4" dbl. extra strong lead (XXS)	x	3/4" PE pipe P.J.	1.5
Q36-34-NL	3/4" dbl. extra strong lead (XXS)	x	1" PE pipe P.J.	2.2
Q26-66-NL (C66-66-IDR7-NL)	1-1/2" extra strong lead (XS)	x	1-1/2" PE pipe P.J.	4.5

*These items fit two types/sizes of lead pipe as shown in the description. When ordering use complete catalog number.

**This item is not one piece, it is two pieces assembled watertight.

♦ Quick Joint is available. Add "-Q" to the catalog number.

NOTE: Numbers in parentheses indicate that some Lead-Pack couplings are the same as couplings found elsewhere in this catalog section for other types of tubing and pipe; however, Grip Joint couplings are not compatible with lead pipe.

Follow federal, state, and local regulations and AWWA best practices (AWWA C810) to reduce exposure to lead in potable water.

Lead-Pack Couplings (continued)

Lead-Pack Couplings for Attaching Copper, Iron, Plastic or PVC to Existing Lead Service Lines

Lead-Pack Couplings

CATALOG NUMBER	DESCRIPTION		APPROX. WT. LBS.
LEAD PIPE TO MALE IRON PIPE THREAD			
Q28-13-NL (C84-33-NL)	1/2" extra strong lead (XS)	x 3/4" male iron pipe threads	0.6
*Q18-23-Q38-13-NL	1/2" dbl. extra strong lead (XXS) or 5/8" strong lead (S)	x 3/4" male iron pipe threads	0.7
Q28-23-NL (C86-33-NL)	5/8" extra strong lead (XS)	x 3/4" male iron pipe threads	0.8
*Q18-33-Q38-23-NL	5/8" dbl. extra strong lead (XXS) or 3/4" strong lead (S)	x 3/4" male iron pipe threads	0.8
Q28-33-NL	3/4" extra strong lead (XS)	x 3/4" male iron pipe threads	1.0
Q38-33-NL	3/4" dbl. extra strong lead (XXS)	x 3/4" male iron pipe threads	1.3
Q18-44-NL	1" strong lead (S)	x 1" male iron pipe threads	1.5
Q28-44-NL	1" extra strong lead (XS)	x 1" male iron pipe threads	1.5
Q38-44-NL	1" dbl. extra strong lead (XXS)	x 1" male iron pipe threads	1.5
Q28-55-NL (C86-55-NL)	1-1/4" extra strong lead (XS)	x 1-1/4" male iron pipe threads	1.7
Q28-66-NL (C86-66-IDR7-NL)	1-1/2" extra strong lead (XS)	x 1-1/2" male iron pipe threads	2.8
Q28-77-NL	2" extra strong lead (XS)	x 2" male iron pipe threads	4.7
LEAD PIPE TO FLARE COPPER			
Q22-13-NL (C24-33-NL)	1/2" extra strong lead (XS)	x 3/4" flare copper	0.9
*Q12-23-Q32-13-NL	1/2" dbl. extra strong lead (XXS) or 5/8" strong lead (S)	x 3/4" flare copper	1.1
Q22-23-NL (C26-33-NL)	5/8" extra strong lead (XS)	x 3/4" flare copper	1.1
Q22-24-NL	5/8" extra strong lead (XS)	x 1" flare copper	1.7
Q12-33-Q32-23-NL	5/8" dbl. extra strong lead (XXS) or 3/4" strong lead (S)	x 3/4" flare copper	1.1
Q22-33-NL	3/4" extra strong lead (XS)	x 3/4" flare copper	1.3
Q32-33-NL	3/4" dbl. extra strong lead (XXS)	x 3/4" flare copper	1.6
*Q12-34-Q32-24-NL	5/8" dbl. extra strong lead (XXS) or 3/4" strong lead (S)	x 1" flare copper	1.7
Q22-34-NL	3/4" extra strong lead (XS)	x 1" flare copper	1.7
Q12-44-NL	1" strong lead (S)	x 1" flare copper	1.6
Q22-44-NL	1" extra strong lead (XS)	x 1" flare copper	2.0
Q32-44-NL	1" dbl. extra strong lead (XXS)	x 1" flare copper	2.0

*These items fit two types/sizes of lead pipe as shown in the description. When ordering use complete catalog number.

NOTE: Numbers in parentheses indicate that some Lead-Pack couplings are the same as couplings found elsewhere in this catalog section for other types of tubing and pipe; however, Grip Joint couplings are not compatible with lead pipe.