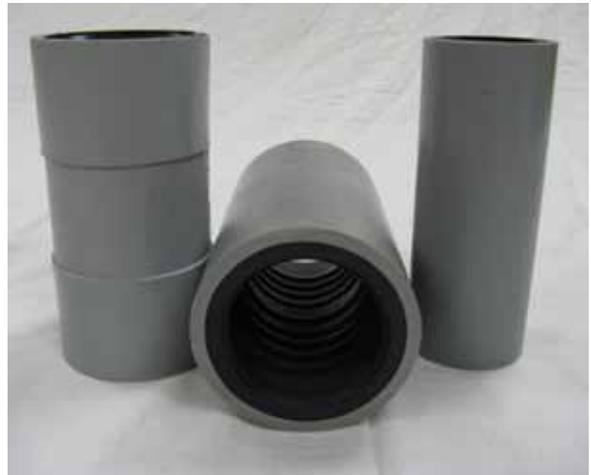


# FITTINGS & ACCESSORIES

## E-Loc® COUPLING

The E-Loc Coupling is a compression coupling that provides a watertight/airtight connection in buried or restrained applications. The ability to join dissimilar materials, such as, PVC, HDPE, fiberglass, or metal makes the E-Loc a versatile coupling for the telephone, electrical, and cable industries. Patented.

E-Loc Couplings are available to fit conduit sizes from 1/2" through 8", including several special diameters. Watertight to 200 psi restrained on smooth wall, ribbed, and corrugated duct. Custom lengths and transitions for different diameters are also available.



Duct Size	Part No.	Duct O.D.	Cplg. O.D.	Length
1/2"	EL084	0.840	1.400	6
1/2"	EL086	0.860	1.400	6
5/8"	EL062	0.625	1.315	6
3/4"	EL105	1.050	1.660	6
1"	EL131	1.316	2.375	6
1"	EL140	1.400	2.375	6
1"	EL142	1.420	2.375	6
1"	EL149	1.490	2.375	6
1-1/4"	EL154	1.540	2.375	6
1-1/4"	EL157	1.575	2.375	6
1-1/4"	EL160	1.600	2.375	6
1-1/4"	EL166	1.660	2.375	6
1-1/4"	EL175	1.750	2.375	6
1-1/2"	EL190	1.900	2.875	6
1-1/2"	EL183	1.832	2.875	6
2"	EL237	2.375	3.500	6
2"	EL243	2.430	3.500	6
2-1/2"	EL287	2.875	4.000	6
3"	EL350	3.500	4.500	6
4" "C DUCT"	EL435	4.350	5.563	6
4"	EL400	4.500	5.563	6
4"	EL4008	4.500	5.563	8
4"	EL40012	4.500	5.563	12
4"	EL40014	4.500	5.563	14
4"	ELR400 Repair Sleeve	4.500	5.563	6
4"	ELR4008 Repair Sleeve	4.500	5.563	8
4"	EL476	4.760	5.563	6
4"	EL47614	4.760	5.563	14
5"	E-500	5.563	6.625	6
5"	EL5008	5.563	6.625	8
6"	EL600	6.625	7.700	6
6"	EL6008	6.625	7.700	8
6"	EL60012	6.625	7.700	12
8"	EL800	8.625	9.775	6

All measurements are in inches. We also have "E-Loc" Electrical Terminal Adapters: Sizes 1/2" - 2-1/2". Call for details.

## E-Loc® TRANSITION COUPLING

The E-Loc Transition Coupling is a compression coupling used to provide a watertight/airtight connection for different diameter duct in buried or restrained applications. The E-Loc Transition Coupling has all the great features as the standard E-Loc Coupling including the ability to join dissimilar materials such as PVC, HDPE, fiberglass or metal.

The E-Loc Transition Coupling is watertight to 200 psi when restrained on smooth wall, ribbed and corrugated duct. Custom lengths and transition are also available.

Part. No.	From: Nom. Duct Size	To: Nom. Duct Size	Coupling O.D. (Inches)	Coupling Length (Inches)
ELA6656*	6" IPS	5" IPS	7.700	6
ELA6645*	6" IPS	4" IPS	7.700	6
ELA5645*	5" IPS	4" IPS	6.625	6
ELA5645R*#	5" IPS	4" IPS	6.625	6
ELA4745	4.750" O.D. DUCT	4" IPS	5.563	6
ELA4743	4.750" O.D. DUCT	4.350" "C" DUCT	5.563	6
ELA4543	4" IPS	4.350" "C" DUCT	5.563	6
ELA454318	4" IPS	4.350" "C" DUCT	5.563	18
ELA4542	4" IPS	4.215" O.D. DUCT	5.563	6
ELA4540*	4" IPS	3-1/2" IPS	5.563	6
ELA4535*	4" IPS	3" IPS	5.563	6
ELA4528*	4" IPS	2-1/2" IPS	5.563	6
ELA4523	4" IPS	2" IPS	5.563	6
ELA4335*	4.350" "C" DUCT	3" IPS	5.563	6
ELA3528	3" IPS	2-1/2" IPS	4.500	6
ELA3523	3" IPS	2" IPS	4.500	6
ELA2823	2-1/2" IPS	2" IPS	5.563	6
ELA2319	2" IPS	1-1/2" IPS	3.500	6
ELA2316	2" IPS	1-1/4" IPS	3.500	6
ELA2315	2" IPS	1.540" I.D. DUCT	3.500	6
ELA2313	2" IPS	1" IPS	3.500	6
ELA235183	2" IPS	1-1/2" I.D. DUCT	3.500	6
ELA1916	1-1/2" IPS	1-1/4" IPS	2.875	6
ELA1915R#	1-1/2" IPS	1.540" I.D. DUCT	2.875	6
ELA1913	1-1/2" IPS	1" IPS	2.875	6
ELA177154	1.770" O.D. DUCT	1.540" I.D. DUCT	2.375	6
ELA1616	1-1/4" IPS	1.580" I.D. DUCT	2.375	6
ELA1615	1-1/4" IPS	1.540" I.D. DUCT	2.375	6
ELA16140	1-1/4" IPS	1.400" O.D. DUCT	2.375	6
ELA16137	1-1/4" IPS	1.370" O.D. DUCT	2.375	6
ELA16131	1-1/4" IPS	1" IPS	2.375	6
ELA166105	1-1/4" IPS	3/4" IPS	2.375	6
ELA1514	1.540" I.D. DUCT	1.420" O.D. DUCT	2.375	6
ELA15131	1.540" I.D. DUCT	1" IPS	2.375	6
ELA13713	1" DURALINE CORR.	1" IPS	2.375	6
ELA08648	0.860" DUCT	1/2" IPS	1.540	6

\* Non Stock Made to Order.

# Repair Transition Fitting (No Stop)

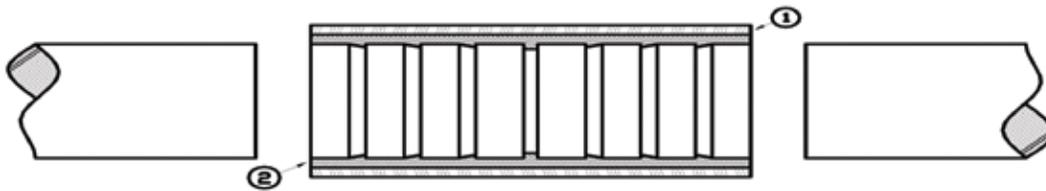
# FITTINGS & ACCESSORIES

## INSTALLATION INSTRUCTIONS FOR E-LOC® COUPLINGS / E-LOC® TRANSITION COUPLINGS

1. Check and make sure size of coupling is same as conduit being installed. E-Loc Couplings / Transition Couplings are based on standard O.D. sizes.
2. Wipe ends of conduit clean. Make sure it is clean of burrs, dirt, or foreign material.
3. To insure the coupling is fully inserted, place a reference point mark on both ends of the conduit a distance from the end equal to 1/2 the overall length of the coupling. For example, if using a 6" long coupling, place a mark 3" from each end of the conduit; on 8" long couplings, place a mark 4" from each end and so forth depending upon length of the coupling. When properly installed, the mark should be visible against each end of the coupling.
4. The ends of the conduit can be lubricated with water or water with a small amount of liquid dishwashing soap. **(Do not use motor oil or thread lubricants commonly used for metal pipe threads. This includes W-D 40® "type" lubricant.)**
5. On smaller diameter conduit, position coupling on the conduit, place a board across the end and hit with a small mallet or hammer. For easier installation of the E-Loc Transition Couplings, ETCO suggests installing the larger end of the conduit first – if possible. **(Do not hit the coupling directly with the hammer.)** On larger diameter conduit, clean and lubricate ends per steps #1 thru #4. Use a bar and a block to push the joint. If a hammer and block of wood are used, make sure wood is in contact with both sides of the coupling and hit block center. **(Do not hit the coupling directly with the hammer.)** Check to make sure conduit is all the way "home" using the reference point mark.
6. When joining conduit off a reel, install the E-Loc Coupling / Transition Coupling on conduit end coming from reel using steps #1 thru #5 above. After the coupling is on properly, push the installed coupling onto the clean second conduit end (lubricate if needed). If necessary, place a small board on the edge of coupling toward the reel and drive coupling on to second conduit. **(Do not hit coupling directly with the hammer.)**

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## UTILITY CONDUIT JOINTING SYSTEM E-LOC® COUPLINGS\*



(Cross Section)

### Material Specifications:

1. PVC sleeve stock conforms to NEMA TC2, TC6 & TC8 and ASTM F-512. The sleeve stock is rated for 90° C.
2. Polyurethane elastomer is ETCO 8706 thermosetting elastomer manufactured for sealing rings and gasket material.

### Specifications:

Color.....	Black
Hardness (ASTM-D-676) .....	68 Shore A
Tensile (ASTM-D-412).....	800 psi
Tear (ASTM-D-624 Die "C") .....	88 pli
Elongation (ASTM-D-412).....	160%
Specific Gravity (ASTM-D-792).....	1.24
Compression Modulus – 10% (ASTM-D-575).....	212-220 psi

\*U. S. Patent No. 5,180,197