



Double "E-Loc" Transition Couplings		
P/N	Nominal Size	Duct OD
70559	1.7 in. (42.2 mm)	1.3 in. (33.0 mm)
70560	1.9 in. (48.3 mm)	1.7 in. (42.2 mm)
70561	2.4 in. (61.0 mm)	1.9 in. (48.3 mm)
70562	2.4 in. (61.0 mm)	1.7 in. (42.2 mm)

Conduit Couplers

The Double "E-Loc" coupling was designed and developed to join both smooth and ribbed HDPE innerduct, specifically for pneumatic methods of cable placement where air and water-tight integrity of the system is imperative, and where the joint is unrestrained such as in a vault, manhole or hand hole. The coupling is pressure tight to internal pressures above 200 psi unrestrained or buried. The coupler is reusable.

- ▶ Sizes 1 in. thru 2 in. IPS (25 - 51 mm)
- ▶ Pull out tests exceeds pull requirement of conduit pull tests
- ▶ No metal components

Double "E-Loc" Couplings P/N	Nominal Size	Duct OD	Cpig. Length when Tight	Force (Lbs.) Required to Pull Out of Coupling
70555	1 in. (25.4 mm) IPS Smooth Wall	1.3 in. (33.0 mm)	6.25 in. (15.9 cm)	1000+
	1 in. (25.4 mm) Ribbed	1.3 in. (33.0 mm)		
70556	1.25 in. (31.8 mm) IPS Smooth Wall	1.7 in. (42.2 mm)	6.25 in. (15.9 cm)	1100-1370
70557	1.5 in. (38.1 mm) IPS	1.9 in. (48.3 mm)	8.25 in. (21 cm)	1800+
70558	2 in. (50.8 mm) IPS SDR 11	2.4 in. (61.0 mm)	8.5 in. (21.6 cm)	2900-3000
	SDR 13.5 Aerial			2300-2500
				2300

Aluminum Removable Coupling

This series of reusable air-tight aluminum duct couplings are ideal for both temporary and permanent installations.

- ▶ The coupling body, rubber gasket, and stainless steel fasteners are essentially impervious to corrosion.
- ▶ No special tools are required to install the couplings except an Allen-head wrench.
- ▶ To reuse, remove the 2 aluminum halves of the coupling and carefully cut the gasket. The coupling can then be reused with a new rubber gasket.



P/N	Nominal Size	Duct OD	Replacement Gaskets
70572	1 in. (25.4 mm)	1.3 in. (33.0 mm)	29230
70573	1.25 in. (31.8 mm)	1.6 in. (40.6 mm)	29231
70574	1.5 in. (38.1 mm)	1.9 in. (48.3 mm)	29232
70575	2 in. (50.8 mm)	2.4 in. (61.0 mm)	29233

Plastic Removable Coupling

This series of reusable air-tight molded couplings was introduced specifically to replace expensive two piece removable metal couplings. The couplings are injection molded of a UV protected glass fiber reinforced nylon, and are ideally suited for both aerial and underground applications with today's blown fiber technology. The couplings are reusable, removable, lightweight, and seal completely to 200 lbs. psi.



- ▶ The coupling body, rubber gasket and stainless steel fasteners are essentially impervious to corrosion.
- ▶ No special tools are required to install the couplings except a battery powered or hand held nut driver.
- ▶ The part weight of the 1 in. (25 mm) plastic coupling is only 4 oz. compared to 2 lbs. for a removable 1 in. (25 mm) aluminum coupler
- ▶ To reuse, remove the 2 plastic halves of the coupling and carefully cut the gasket. The coupling can then be reused with a new rubber gasket by means of interchangeable collets with double cable sealing arrangement.

P/N	Nominal Size	Duct OD	Replacement Gaskets
70576	1 in. (25.4 mm)	1.3 in. (33.0 mm)	29230
70577	1.25 in. (31.8 mm)	1.6 in. (40.6 mm)	29231
70578	1.5 in. (38.1 mm)	1.9 in. (48.3 mm)	29232
70579	2 in. (50.8 mm)	2.4 in. (61.0 mm)	29233