

Rigid Nonmetallic Conduit – Couplings

Expansion Fittings

(For Use with Schedule 40 & 80 Conduit)

E945 series expansion fittings are designed to compensate for length changes due to temperature variations in exposed conduit runs.

- EXCLUSIVE Molded in Mid-point indicator on the piston.
- EXCLUSIVE 2" Expansion Fitting with an 8" travel distance.
- Two-piece molded design with lubricated seals for easier movement for the life of the product.
- Ridges on the fitting for easier installation (Sizes 2" through 6" only).
- Male terminal Adapter End design (1/2" – 2" NPT Threads, and 2 1/2" – 6" NPSC Threads).
- Two O-Rings to prevent leakage.
- Can be installed vertically or horizontally.



Coupling End Part No.	Male Terminal Adapter End Part No.	Size	Std. Ctn. Qty.	Travel Length (in.)
E945D	E945DX	1/2	20	4"
E945E	E945EX	3/4	15	4"
E945F	E945FX	1	10	4"
E945G	E945GX	1 1/4	5	4"
E945H	E945HX	1 1/2	5	4"
E945J	E945JX	2	15	8"
E945K	E945KX	2 1/2	10	8"
E945L	E945LX	3	10	8"
E945M	E945MX	3 1/2	5	8"
E945N	E945NX	4	5	8"
E945P	E945PX	5	1	8"
E945R	E945RX	6	1	8"

Couplings

Standard Couplings

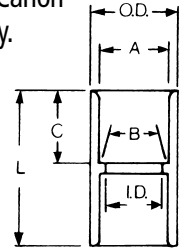


Except where noted by ▶

All socket fittings should be attached Using Carlon solvent cement. Using Carlon fittings with Carlon nonmetallic conduit insures system integrity.



Socket type for joining nonmetallic conduit.



Part No.	Size	Std. Ctn. Qty.	A Typical	B Typical	I.D.	O.D.	C Typical	L
E940D	1/2	150	.852	.836	.728	17/64	11/16	1 1/2
E940E	3/4	100	1.064	1.046	.840	15/16	3/4	1 5/8
E940F	1	50	1.330	1.310	1.210	15/8	15/16	2
E940G	1 1/4	30	1.677	1.655	1.535	163/64	1	2 1/8
E940H	1 1/2	25	1.918	1.894	1.755	215/64	1 1/8	2 3/8
E940J	2	30	2.393	2.369	2.190	247/64	1 3/16	2 1/2
E940K	2 1/2	20	2.890	2.868	2.688	35/16	133/64	3 3/16
E940K-CAR	2 1/2	4	2.890	2.868	2.688	35/16	133/64	3 3/16
E940L	3	25	3.515	3.492	3.375	331/32	1 3/4	3 13/32
E940L-CAR	3	5	3.515	3.492	3.375	331/32	1 3/4	3 13/32
E940M	3 1/2	20	4.015	3.992	3.780	49/16	1 3/4	3 5/8
E940N	4	15	4.515	4.491	4.265	53/32	125/32	3 3/4
E940N-CAR	4	5	4.515	4.491	4.265	53/32	125/32	3 3/4
E940P	5	8	5.593	5.553	5.097	6 1/4	15/16	4 1/16
E940R	6	5	6.658	6.614	6.115	7 1/2	23/16	4 5/8

Special Long Line Couplings



Long Line Couplings

Part No.	Size	Std. Ctn. Qty.	Std. Ctn. Wt. (lbs.)
E941H	1 1/2	40	9
E941J	2	25	8
E941K	2 1/2	15	8
E941L	3	15	14
E941N	4	10	15
E941PF	5	4	12
▶ E941RF	6	5	21

Short Expansion Couplings

(Expands to a maximum of 2")



Part No.	Size	Std. Ctn. Qty.
E955D	1/2	40
E955E	3/4	40
E955F	1	25
E955G	1 1/4	15
E955H	1 1/2	10
E955J	2	6

Fabricated Expansion Couplings



Part No.	Size	Std. Ctn. Qty.	Travel Length (in.)
E945KXL	2 1/2	10	12