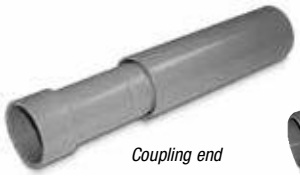
Conduit Bodies and Fittings *(for use with Schedule 40 and 80 Conduit)*

Expansion Fittings

c UL us LISTED E23018

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"–6" only)
- Male terminal adapter end design (½"–2" NPT Threads, and 2½"–6" NPSC threads)
- Two O-rings to prevent leakage
- Can be installed vertically or horizontally



Coupling end

Male terminal adapter end

COUPLING END CAT. NO.	MALE TERMINAL ADAPTER END CAT. NO.	SIZE (IN.)	STD. CTN.	TRAVEL LENGTH (IN.)
E945D	E945DX	½	20	4
E945E	E945EX	¾	15	4
E945F	E945FX	1	10	4
E945G	E945GX	1¼	5	4
E945H	E945HX	1½	5	4
E945J	E945JX	2	15	8
E945K	E945KX	2½	10	8
E945L	E945LX	3	10	8
E945M	E945MX	3½	5	8
E945N	E945NX	4	5	8
E945P	E945PX	5	1	8
E945R	E945RX	6	1	8

Short Expansion Couplings

c UL us LISTED E23018

Expand to a maximum of 2".

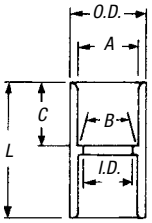
CAT. NO.	SIZE (IN.)	STD. CTN.
E955D	½	40
E955E	¾	40
E955F	1	25
E955G	1¼	15
E955H	1½	10
E955J	2	6

Standard Couplings

All socket fittings should be attached using Carlon® solvent cement.

LR33856 — UL LISTED E23018 Except where noted by ▶

Socket type for joining non-metallic conduit.



CAT. NO.	SIZE (IN.)	STD. CTN.	TYPICAL (IN.) A	TYPICAL (IN.) B	I.D. (IN.)	O.D. (IN.)	TYPICAL (IN.) C	TYPICAL (IN.) L
E940D	½	150	.852	.836	.728	1 7/64	11/16	1½
CE940DR-CTN	½	75	.852	.836	.728	1 7/64	11/16	1½
E940E	¾	100	1.064	1.046	.840	1 5/16	¾	1⅝
CE940ER-CTN	¾	45	1.064	1.046	.840	1 5/16	¾	1⅝
E940F	1	50	1.330	1.310	1.210	1⅝	1 5/16	2
CE940F-UPC	1	50	1.330	1.310	1.210	1⅝	1 5/16	2
E940G	1¼	30	1.677	1.655	1.535	1 63/64	1	2⅛
E940H	1½	25	1.918	1.894	1.755	2 15/64	1⅛	2⅜
E940J	2	30	2.393	2.369	2.190	2 47/64	1 3/16	2½
E940K	2½	20	2.890	2.868	2.688	3 5/16	1 33/64	3 3/16
E940L	3	25	3.515	3.492	3.375	3 31/32	1¾	3 13/32
E940M	3½	20	4.015	3.992	3.780	4 9/16	1¾	3⅝
E940N	4	15	4.515	4.491	4.265	5 3/32	1 25/32	3¾
E940P	5	8	5.593	5.553	5.097	6¼	15/16	4 1/16
E940R	6	5	6.658	6.614	6.115	7½	23/16	4⅝

Canada only

Special Long-Line Couplings (with Conduit Stop)

Long-Line Couplings

CAT. NO.	SIZE (IN.)	STD. CTN.	STD. WT. (LBS.)	LENGTH (IN.)
E941H	1½	40	9	3.19
E941J	2	25	8	3.59
E941K	2½	15	8	4.29
E941L	3	15	14	6.44
E941N	4	10	15	6.96
E941PF	5	4	12	9.63
▶ E941RF	6	5	21	11.75

Fabricated Expansion Couplings

UL LISTED E23018

CAT. NO.	SIZE (IN.)	STD. CTN.	TRAVEL LENGTH (IN.)
E945KXL	2½	10	12

Thomas&Betts

United States
Tel: 901.252.8000
800.816.7809
Fax: 901.252.1354

Technical Services
Tel: 888.862.3289

www.tnb.com