

# Quick Select Table: LTxE Extreme Temp, CE



### LT Fitting Ingress Ratings: <sup>1)</sup>

UL Indoor: Type 4, 4X, 6, 12, 13  
 UL Outdoor: Type 3, 3R, 4, 4X, 6  
 CSA: Type 3, 3R, 4, 4X, 12, 13  
 NEMA: Type 3, 3R, 4, 4X, 6, 12, 13  
 IEC Ingress: IP66, IP67, IP68, IP69

### System Temperature Ratings:

Gen: Dry: -60 to +150°C (-76 to +302°F)  
 Dry: -60 to +165°C (-76 to +329°F) Intermittent  
 IEC/CE: Gen: -45 to +150°C (-49 to +302°F)

### System Ingress Ratings:

NEMA: Type 3, 3R, 4, 4X, 6, 12, 13


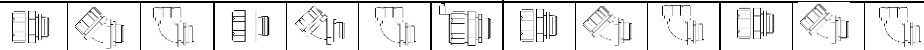

### LTxE Liquid-tight Flexible Metallic Conduit References:

Technical Data Sheet: TDS000006  
 Chemical Resistance Guide: GM7656  
 IEC 61386-1, -23 EU DoC: EC-012-16-157  
 Manufactured to UL 360 ID/OD Dimensions

### Series 5300 Liquid-tight Fitting References:

Technical Data Sheet: TDS000xxx (5300-HT)  
 Technical Data Sheet: TDS000xxx (5300SST6HT)  
 Chemical Resistance Guide:  
 UL 514B UL File:  
 CSA C22.2, No. 56 CSA File:  
 IEC 61386-1, -23 EU DoC:

**Typical Applications: LTxE is non-UL and designed to withstand extreme temperatures, ideal for use in applications with extreme environments**

Liquid-tight Flexible Metallic Conduit										Fittings										Accessories															
Core Material: Galvanized Steel Jacket Material: TPU, Smooth, Black Copper Bonding Wire: None 										Steel, Malleable Iron Zinc Chromate or Stainless Steel																									
Trade Size Reference			Carton <sup>2)</sup>		Technical					Type		Insulated			Non-Insulated			All			Insulated			Non-Insulated			Sealing Gasket <sup>3)</sup>		SST Locknuts		Wire Mesh Grips		Conduit Supports 1 & 2 Hole		
UL	CSA	ISO/BSEN	Part No.	Feet	Meters	UL Bond Wire	ID Range (Nominal)		Min. Static Bend Radius		Std.	Thread	Straight	45°	90°	Straight	45°	90°	All	Straight	45°	90°	Straight	45°	90°	Part No.	Part No.	Part No.	Part No.	Part No.	Part No.	Part No.	Part No.	Part No.	Part No.
Inch	Metric	Metric					Inch	mm	Inch	mm			Inch	mm	Part No.	Part No.	Part No.	Part No.	Part No.	Part No.	Part No.	Part No.	Part No.	Part No.	Part No.	Part No.	Part No.	Part No.	Part No.	Part No.	Part No.	Part No.	Part No.	Part No.	Part No.
3/8"	12mm	16mm	LTxE501B-C	100	30	No	0.484 to 0.505 (0.493)	12.3 to 12.8 (12.5)	1.5"	38mm	NPT 1/2"	S331-HT	S341-HT	S351-HT					S331SST6HT	S341SST6HT	S351SST6HT					S261-HT		1415ST			WMG-LT1	HS-101 HS-901	HS101-SS HS901-SS		
1/2"	16mm	20mm	LTxE502B-C	100	30	No	0.622 to 0.642 (0.632)	15.8 to 16.3 (16.0)	2.0"	51mm	NPT 1/2"	S332-HT	S342-HT	S352-HT					S332SST6HT	S342SST6HT	S352SST6HT					S262-HT		1415ST			WMG-LT2	HS-102 HS-902	HS102-SS HS902-SS		
3/4"	21mm	25mm	LTxE503B-C	100	30	No	0.820 to 0.840 (0.830)	20.8 to 21.3	2.5"	64mm	NPT 3/4"	S333-HT	S343-HT	S353-HT					S333SST6HT	S343SST6HT	S353SST6HT					S263-HT		1425ST			WMG-LT3	HS-103 HS-903	HS103-SS HS903-SS		
1"	27mm	32mm	LTxE504B-C	100	30	No	1.041 to 1.066 (1.053)	25.4 to 27.1	3.0"	76mm	NPT 1"	S334-HT	S344-HT	S354-HT					S334SST6HT	S344SST6HT	S354SST6HT					S264-HT		1435ST			WMG-LT4	HS-104 HS-904	HS104-SS HS904-SS		
1-1/4"	35mm	40mm	LTxE505B-B	50	15	No	1.380 to 1.410 (1.395)	35.1 to 35.8	3.5"	89mm	NPT 1-1/4"	S335-HT	S345-HT	S355-HT					S335SST6HT	S345SST6HT	S355SST6HT					S265-HT		1445ST			WMG-LT5	HS-105 HS-905	HS105-SS HS905-SS		
1-1/2"	41mm	50mm	LTxE506B-B	50	15	No	1.575 to 1.600 (1.587)	40.0 to 40.6	4.5"	114mm	NPT 1-1/2"	S336-HT	S346-HT	S356-HT					S336SST6HT	S346SST6HT	S356SST6HT					S266-HT		1455ST			WMG-LT6	HS-106 HS-906	HS106-SS HS906-SS		
2"	53mm	63mm	LTxE507B-B	50	15	No	2.020 to 2.045 (2.032)	51.3 to 51.9	5.5"	140mm	NPT 2"	S337-HT	S347-HT	S357-HT					S337SST6HT	S347SST6HT	S357SST6HT					S267-HT		1465ST			WMG-LT7	HS-107 HS-907	HS107-SS HS907-SS		
2-1/2"	63mm	70mm	LTxE508B-A	25	8	No	2.480 to 2.505 (2.492)	63.0 to 63.6	8.0"	203mm	NPT 2-1/2"	S338-HT							S338-NB 4)							S268-HT					WMG-LT8	HS-108 HS-908	HS108-SS HS908-SS		
3"	78mm	80mm	LTxE509B-A	25	8	No	3.070 to 3.100 (3.085)	78.0 to 78.7	10.0"	254mm	NPT 3"	S339-HT							S339-NB 4)							S269-HT					WMG-LT9	HS-109 HS-909	HS109-SS HS909-SS		
4"	103mm	100mm	LTxE511B-A	25	8	No	4.000 to 4.040 (4.020)	101.6 to 105.6	12.0"	305mm	NPT 4"	S340-HT							S340-NB 4)							S270-HT					WMG-LT10	HS-110 HS-910	HS110-SS HS910-SS		

Attn: T&B Liquidtight Systems™ Quick Select Tables are intended to assist users with recommended component selection for Cable Protection System solutions. Final component selection is the responsibility of the user based on actual application, standards and local electrical code requirements. The information in this QTS is regularly updated and is subject to change at the discretion of T&B/ABB. Go to <https://library.abb.com/> for latest document revision.  
**Warning:** The LTxE conduit cannot be used as Equipment Grounding or Bonding Conductors per NEC.

- Notes:  
 1) Sealing Gasket required to achieve ingress ratings and 4X rating with 5300SST6 LT Fittings  
 2) Packaging lengths available in cartons, standard reels and bulk reels, see Publication No. TDS000006 for details  
 3) Maximum temperature rating of seal ring is 150°C (302°F)  
 4) 5300-NB Nickel Plated Brass fittings can be used to maintain Type 4X Ratings

