

Quick Select Table: LTXE Extreme Temp, CE



System Ingress Ratings: ¹⁾

UL Indoor: Type 4, 12, 13
 UL Outdoor: Type 3, 3R, 4
 CSA Certified: Type 3, 3R, 4, 12, 13
 NEMA: Type 3, 3R, 4, 12, 13
 IEC Ingress: IP66, IP67

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)

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 52/53 Liquid-tight Fitting References:

Customer Drawing: WSD-000016
 Chemical Resistance Guide: Contact T&B Tech Support
 UL 514B UL File: Contact T&B Tech Support
 CSA C22.2, No. 56 CSA File: Contact T&B Tech Support
 IEC 61386-1, -23 EU DoC: Contact T&B Tech Support

Typical Applications: LTXE is non-UL and designed to withstand extreme temperatures, ideal for use in outdoor applications with cold 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																						
											Series 5300-HT Liquidtight						Series 5300 S5THT Liquidtight - Stainless Steel																
Trade Size Reference			Part No.	Carton 2 ¹⁾		UL Bond Wire	Technical				Type		Insulated			Non-Insulated			All			Insulated			Non-Insulated			Sealing Gasket ³⁾	Wire Mesh Grips	Conduit Support	Ty-Rap ⁴⁾		
UL	CSA	ISO/BSEN		Feet	Meters		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.
Inch	Metric	Metric			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.					
3/8"	12mm	16mm	LTXES01B-C	100	30	No	0.484 to 0.505 (0.493)	12.3 to 12.8 (12.5)	1.5"	38mm	NPT 1/2"	5331-HT	5341-HT	5351-HT	---	---	---	---	5331SST6HT	5341SST6HT	5351SST6HT	---	---	---	---	---	---	---	---	5261	WMG-LT1	P CLIP/16	TYHT23M
1/2"	16mm	20mm	LTXES02B-C	100	30	No	0.622 to 0.642 (0.632)	15.8 to 16.3 (16.0)	2.0"	51mm	NPT 1/2"	5332-HT	5342-HT	5352-HT	---	---	---	---	5332SST6HT	5342SST6HT	5352SST6HT	---	---	---	---	---	---	---	---	5262	WMG-LT2	P CLIP/20	TYHT23M
3/4"	21mm	25mm	LTXES03B-C	100	30	No	0.820 to 0.840 (0.830)	20.8 to 21.3	2.5"	64mm	NPT 3/4"	5333-HT	5343-HT	5353-HT	---	---	---	---	5333SST6HT	5343SST6HT	5353SST6HT	---	---	---	---	---	---	---	---	5263	WMG-LT3	P CLIP/25	TYHT25M
1"	27mm	32mm	LTXES04B-C	100	30	No	1.041 to 1.066 (1.053)	25.4 to 27.1	3.0"	76mm	NPT 1"	5334-HT	5344-HT	5354-HT	---	---	---	---	5334SST6HT	5344SST6HT	5354SST6HT	---	---	---	---	---	---	---	---	5264	WMG-LT4	P CLIP/32	TYHT25M
1-1/4"	35mm	40mm	LTXES05B-B	50	15	No	1.380 to 1.410 (1.395)	35.1 to 35.8	3.5"	89mm	NPT 1-1/4"	5335-HT	5345-HT	5355-HT	---	---	---	---	5335SST6HT	5345SST6HT	5355SST6HT	---	---	---	---	---	---	---	---	5265	WMG-LT5	P CLIP/40	TYHT25M
1-1/2"	41mm	50mm	LTXES06B-B	50	15	No	1.575 to 1.600 (1.587)	40.0 to 40.6	4.5"	114mm	NPT 1-1/2"	5336-HT	5346-HT	5356-HT	---	---	---	---	5336SST6HT	5346SST6HT	5356SST6HT	---	---	---	---	---	---	---	---	5266	WMG-LT6	P CLIP/50	TYHT25M
2"	53mm	63mm	LTXES07B-B	50	15	No	2.020 to 2.045 (2.032)	51.3 to 51.9	5.5"	140mm	NPT 2"	5337-HT	5347-HT	5357-HT	---	---	---	---	5337SST6HT	5347SST6HT	5357SST6HT	---	---	---	---	---	---	---	---	5267	WMG-LT7	P CLIP/63	TYHT27M
2-1/2"	63mm	70mm	LTXES08B-A	25	8	No	2.480 to 2.505 (2.492)	63.0 to 63.6	8.0"	203mm	NPT 2-1/2"	5338-HT	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	5268	WMG-LT8	P CLIP/75	TYHT27M
3"	78mm	80mm	LTXES09B-A	25	8	No	3.070 to 3.100 (3.085)	78.0 to 78.7	10.0"	254mm	NPT 3"	5339-HT	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	5269	WMG-LT9	---	TYHT28M
4"	103mm	100mm	LTXES11B-A	25	8	No	4.000 to 4.040 (4.020)	101.6 to 105.6	12.0"	305mm	NPT 4"	5340-HT	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	5270	WMG-LT10	---	TYHT28M

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. This information is regularly maintained and is subject to change at the discretion of T&B/ABB. Go to www.abb.com/low-voltage/products/conduit-fittings/liquidtight-systems for latest document revision.

- Notes:
- 1) Sealing Gasket required to achieve ingress ratings
 - 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) Ty-Rap® recommendation is based on 150% of conduit circumference, final selection should be determined by actual application requirements for type, length & tensile rating..

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T&B Liquidtight Systems™

