

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 Liquidtight flexible metallic conduit references:

Technical Data Sheet: TDS000006
 Chemical Resistance Guide: TDS000117
 IEC 61386-1, -23 EU DoC: EC-012-16-157
 Manufactured to UL 360 ID/OD Dimensions

Series 5300 High Temperature Liquidtight fitting references:

Technical Data Sheet: TDS000123
 Chemical Resistance Guide: TDS000081
 UL 514B UL File: E23018
 CSA C22.2, No. 56 CSA File: LR-4484, LR-2884
 IEC 61386-1, -23 EU DoC: Contact T&B Tech Support

Typical Applications: LTXE is CE compliant and designed to withstand extreme Hot and Cold Temperatures.

Liquidtight flexible metallic conduit											Fittings										Accessories										
Core Material: Galvanized Steel Jacket Material: TPR (Thermoplastic Rubber), Smooth, Black Copper Bonding Wire: None 											Steel, Malleable Iron Zinc Chromate or Stainless Steel																				
											Series 5300-HT "High Temp"										Series 5300SST6HT SST316 "High Temp"						Sealing Gasket	Wire Mesh Grips	Conduit Support	Ty-Rap ^{® 4)}	
Trade size reference			Carton ²⁾		Technical						Type		Insulated			Non-insulated			Grounding	Insulated			Non-insulated			Part No.	Part No.	Part No.	Part No.		
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.
Inch	Metric	Metric		Inch	mm		Inch	mm	Inch	mm			NPT	Thread	Part No.	Part No.	Part No.	Part No.	Part No.	Part No.	Part No.	Suffix ³⁾	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-HT	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-HT	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 (21.1)	2.5"	64mm	NPT 3/4"	5333-HT	5343-HT	5353-HT	—	—	—	—	5333SST6HT	5343SST6HT	5353SST6HT	—	—	—	5263-HT	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 (26.8)	3.0"	76mm	NPT 1"	5334-HT	5344-HT	5354-HT	—	—	—	—	5334SST6HT	5344SST6HT	5354SST6HT	—	—	—	5264-HT	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 (35.5)	3.5"	89mm	NPT 1-1/4"	5335-HT	5345-HT	5355-HT	—	—	—	—	5335SST6HT	5345SST6HT	5355SST6HT	—	—	—	5265-HT	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 (40.3)	4.5"	114mm	NPT 1-1/2"	5336-HT	5346-HT	5356-HT	—	—	—	—	5336SST6HT	5346SST6HT	5356SST6HT	—	—	—	5266-HT	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 (51.6)	5.5"	140mm	NPT 2"	5337-HT	5347-HT	5357-HT	—	—	—	—	5337SST6HT	5347SST6HT	5357SST6HT	—	—	—	5267-HT	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 (63.3)	8.0"	203mm	NPT 2-1/2"	5338-HT	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—		
3"	78mm	80mm	LTXES09B-A	25	8	No	3.070 to 3.100 (3.085)	78.0 to 78.7 (78.4)	10.0"	254mm	NPT 3"	5339-HT	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—		
4"	103mm	100mm	LTXES11B-A	25	8	No	4.000 to 4.040 (4.020)	101.6 to 102.6 (102.1)	12.0"	305mm	NPT 4"	5340	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—		

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.

- 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) Grounding Fittings available for NPT threaded versions, add suffix GR to the part number for ordering. Example: 5333GR
 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.



For additional information please refer to QR code

