

Quick Select Table: LTEU EMC Protection, UL Listed



LT Fitting Ingress Ratings: ¹⁾

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

System Temperature Ratings:

UL: Dry: -30 to +80°C (-22 to +176°F)
 Oil: -30 to +70°C (-22 to +158°F)
 Wet: -30 to +60°C (-22 to +140°F)
 CSA: Dry: -30 to +75°C (-22 to +167°F)
 IEC/CE: Gen: -25 to +90°C (-13 to +194°F)

LTEU Liquid-tight Flexible Metallic Conduit References:

Technical Data Sheet: Contact Tech Support
 Chemical Resistance Guide: TDS000117
 UL 360
 CSA C22.2, No. 56
 UL File: E125517
 CSA File: LR-72635

Series 52/53 Liquid-tight Fitting References:

Technical Data Sheet: TDS000122 (Steel), TDS000127 (-NB)
 Chemical Resistance Guide: TDS000081
 UL 514B
 CSA C22.2, No. 18
 IEC/EN 61386-1, -23
 UL File: E23018
 CSA File: LR-4484, LR-2884
 EU DoC: EC-012-7185 (Steel)
 EU Doc: EC-012-7193 (-NB)

Typical Applications: UL Listed and CSA Certified for EMC Applications where bonding is required and highest performance under severe environmental conditions.

Liquid-tight Flexible Metallic Conduit										Fittings												Accessories								
Core Material: Galvanized Steel, Braided Shielded Jacket Material: PVC, Smooth, Black Copper Bonding Wire: 3/8" to 1-1/4"										Steel, Malleable Iron Zinc Chromate																				
T&B Liquidtight Systems™ Type LTEU - 3/4 in (25mm)										Ser. 5200/5300 Liquid-tight						Ser. 5200/5300 Liquid-tight - High Temp														
Trade Size Reference		Carton ²⁾		Technical				Type		Insulated			Non-Insulated			All	Insulated			Insulated			Seal Gasket		Conduit Support & 2 Hole		Wire Mesh Grips			
UL	CSA	ISO/BSEN	Part No.	Feet	Meters	UL Bond Wire	ID Range (Nominal)	Min. Bend Radius	Std.	Thread	Straight	45°	90°	Straight	45°	90°	Suffix ³⁾	Straight	45°	90°	Straight	45°	90°	Std	NPB	Locknut	1	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	LTEU501G-C	100	30	Yes	0.484 to 0.505 (0.493)	12.3 to 12.8 (12.5)	2.0"	51mm	NPT 1/2"	5331	5341	5351	5231	5241	5251	...GR	5331-NB	5341-NB	5351-NB	5231-NB	5241-NB	5251-NB	5261	LNB/038	LNB/M16	HS-101	901	WSM-LT1
1/2"	16mm	20mm	LTEU502G-C	100	30	Yes	0.622 to 0.642 (0.632)	15.8 to 16.3 (16.0)	3.0"	76mm	NPT 1/2"	5332	5342	5352	5232	5242	5252	...GR	5332-NB	5342-NB	5352-NB	5232-NB	5242-NB	5252-NB	5262	LNB/050	LNB/M20	HS-102	902	WSM-LT2
3/4"	21mm	25mm	LTEU503G-C	100	30	Yes	0.820 to 0.840 (0.830)	20.8 to 21.3 (21.1)	4.2"	107mm	NPT 3/4"	5333	5343	5353	5233	5243	5253	...GR	5333-NB	5343-NB	5353-NB	5233-NB	5243-NB	5253-NB	5263	LNB/075	LNB/M25	HS-103	903	WSM-LT3
1"	27mm	32mm	LTEU504G-C	100	30	Yes	1.041 to 1.066 (1.053)	25.4 to 27.1 (26.8)	5.5"	140mm	NPT 1"	5334-TB	5344	5354	5234	5244	5254	...GR	5334-NB	5344-NB	5354-NB	5234-NB	5244-NB	5254-NB	5264	LNB/100	LNB/M32	HS-104	904	WSM-LT4
1-1/4"	35mm	40mm	LTEU505G-B	50	15	Yes	1.380 to 1.410 (1.395)	35.1 to 35.8 (35.5)	7.0"	178mm	NPT 1-1/4"	5335	5345	5355	5235	5245	5255	...GR	5335-NB	5345-NB	5355-NB	5235-NB	5245-NB	5255-NB	5265	LNB/125	LNB/M40	HS-105	905	WSM-LT5
1-1/2"	41mm	50mm	LTEU506G-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	5346	5356	5236	5246	5256	...GR	5336-NB	5346-NB	5356-NB	5236-NB	5246-NB	5256-NB	5266	LNB/150	LNB/M50	HS-106	906	WSM-LT6
2"	53mm	63mm	LTEU507G-B	50	15	No	2.020 to 2.045 (2.032)	51.3 to 51.9 (51.6)	6.0"	152mm	NPT 2"	5337	5347	5357	5237	5247	5257	...GR	5337-NB	5347-NB	5357-NB	5237-NB	5247-NB	5257-NB	5267	LNB/200	LNB/M63	HS-107	907	WSM-LT7
2-1/2"	63mm	70mm									NPT 2-1/2"																			
3"	78mm	80mm									NPT 3"																			
4"	103mm	100mm									NPT 4"																			

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.

- Notes:
 1) Seal Gasket required to achieve ingress ratings
 2) Packaging lengths available in cartons, standard reels and bulk reels
 3) Grounding Fittings available for NPT threaded versions, add suffix GR to the part number for ordering. Example: 5333GR
 4) 5300-NB fittings are not supplied with locknuts, LNB locknuts must be ordered separately

LTEU_QST_0722.pdf

