

# Quick Select Table: LTTU Wide Temperature, UL Listed



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

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

## System Temperature Ratings:

UL: Dry: -55 to +105°C (-67 to +221°F)  
 Oil: -55 to +70°C (-67 to +158°F)  
 Wet: -55 to +60°C (-67 to +140°F)  
 CSA: Dry: -50 to +75°C (-58 to +167°F)  
 IEC/CE: Gen: -45 to +105°C (-41 to +221°F)

## LTTU Liquid-tight Flexible Metallic Conduit References:

Technical Data Sheet: TDS000004  
 Chemical Resistance Guide: GM7656  
 UL 360  
 CSA C22.2, No. 56  
 IEC 61386-1, -23

## Series 52/53 Liquid-tight Fitting References:

Technical Data Sheets:  
 Chemical Resistance Guide:  
 UL 514B  
 UL File: E23018  
 CSA C22.2, No. 56  
 CSA File: LR-4484, LR-2884  
 IEC 61386-1, -23  
 EU DoC: EC-012-15-025

Typical Applications: UL Listed Liquid-tight Flexible Metallic Conduit used with high temperature machine tool wiring and ideal for use in outdoor cold environments.

Liquid-tight Flexible Metallic Conduit										Fittings										Accessories								
Core Material: Galvanized Steel Jacket Material: PVC, Smooth, Gray Copper Bonding Wire: 3/8" to 1-1/4"										Steel, Malleable Iron Zinc Chromate																		
										Ser. 5300 Steel			Ser. 5300-HT Steel High Temp			Ser. 5300SST6HT SST 315 High Temp												
Trade Size Reference		Carton <sup>2)</sup>		Technical				Type		Insulated			All			Non-Insulated			Insulated			Locknuts - SST 316 <sup>5)</sup>		Seal Gasket <sup>1)</sup>		Conduit Support		
UL	CSA	ISO/BSEN	Part No.	Feet	Meters	UL Bond Wire	ID Range (Nominal)	Min. Static Bend Radius	Std.	Thread	Straight	45°	90°	All	Straight	45°	90°	Straight	45°	90°	NPT	ISO Metric	Std Temp	High Temp	Wire Mesh Grips	Steel 1/2 Hole	SST 1/2 Hole	
Inch	Metric	Metric					Inch	mm	Inch	mm	Part No.	Part No.	Part No.	Suffix <sup>3)</sup>	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	LTTU01G-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	...GR	5331-HT	5341-HT	5351-HT	5331SST6HT	5341SST6HT	5351SST6HT	141SST	5261	5261-HT	WMG-LT1	HS-101	HS101-SS	
1/2"	16mm	20mm	LTTU02G-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	...GR	5332-HT	5342-HT	5352-HT	5332SST6HT	5342SST6HT	5352SST6HT	141SST	5262	5262-HT	WMG-LT2	HS-102	HS102-SS	
3/4"	21mm	25mm	LTTU03G-C	100	30	Yes	0.820 to 0.840 (0.830)	20.8 to 21.3	4.2"	107mm	NPT 3/4"	5333	5343	5353	...GR	5333-HT	5343-HT	5353-HT	5333SST6HT	5343SST6HT	5353SST6HT	142SST	5263	5263-HT	WMG-LT3	HS-103	HS103-SS	
1"	27mm	32mm	LTTU04G-C	100	30	Yes	1.041 to 1.066 (1.053)	25.4 to 27.1	5.5"	140mm	NPT 1"	5334-TB	5244	5254	...GR	5334-HT	5344-HT	5354-HT	5334SST6HT	5344SST6HT	5354SST6HT	143SST	5264	5264-HT	WMG-LT4	HS-104	HS104-SS	
1-1/4"	35mm	40mm	LTTU05G-B	50	15	Yes	1.380 to 1.410 (1.395)	35.1 to 35.8	7.0"	178mm	NPT 1-1/4"	5335	5345	5355	...GR	5335-HT	5345-HT	5355-HT	5335SST6HT	5345SST6HT	5355SST6HT	144SST	5265	5265-HT	WMG-LT5	HS-105	HS105-SS	
1-1/2"	41mm	50mm	LTTU06G-B	50	15	No	1.575 to 1.600 (1.587)	40.0 to 40.6	4.5"	114mm	NPT 1-1/2"	5336	5346	5356	...GR	5336-HT	5346-HT	5356-HT	5336SST6HT	5346SST6HT	5356SST6HT	145SST	5266	5266-HT	WMG-LT6	HS-106	HS106-SS	
2"	53mm	63mm	LTTU07G-B	50	15	No	2.020 to 2.045 (2.032)	51.3 to 51.9	6.0"	152mm	NPT 2"	5337	5347	5357	...GR	5337-HT	5347-HT	5357-HT	5337SST6HT	5347SST6HT	5357SST6HT	146SST	5267	5267-HT	WMG-LT7	HS-107	HS107-SS	
2-1/2"	63mm	70mm	LTTU08G-A	25	8	No	2.480 to 2.505 (2.492)	63.0 to 63.6	8.0"	203mm	NPT 2-1/2"	5338	5348	5358	...GR	5338-HT	5348-HT	5358-HT	5338-NB-4J				5268	5268-HT	WMG-LT8	HS-108	HS108-SS	
3"	78mm	80mm	LTTU09G-A	25	8	No	3.070 to 3.100 (3.085)	78.0 to 78.7	10.0"	254mm	NPT 3"	5339	5349	5359	...GR	5339-HT	5349-HT	5359-HT	5338-NB-4J				5269	5269-HT	WMG-LT9	HS-109	HS109-SS	
4"	103mm	100mm	LTTU11G-A	25	8	No	4.000 to 4.040 (4.020)	101.6 to 105.6	12.0"	305mm	NPT 4"	5340	5350	5360	...GR	5340-HT	5350-HT	5360-HT	5338-NB-4J				5270	5270-HT	WMG-LT10	HS-110	HS110-SS	

Attr: 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) Sealing Gasket required to achieve ingress ratings
- 2) Packaging lengths available in cartons, standard reels and bulk reels, see Publication No. TDS000004 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.

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