

# Quick Select Table: LTZU Halogen Free, 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: -40 to +80°C (-40 to +176°F)  
 Oil: -40 to +70°C (-40 to +158°F)  
 Wet: -40 to +60°C (-40 to +140°F)  
 CSA: Dry: -40 to +60°C (-40 to +140°F)  
 IEC/CE: Gen: -45 to +90°C (-49 to +194°F)

## LTZU Liquid-tight Flexible Metallic Conduit References:

Technical Data Sheet: TDS000010  
 Chemical Resistance Guide: GM7656  
 UL 360  
 CSA C22.2, No. 56  
 IEC 61386-1, -23

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

Technical Data Sheet: TDS000122 (Steel)  
 Chemical Resistance Guide: Contact T&B Tech Support  
 UL 514B  
 CSA C22.2, No. 56  
 IEC 61386-1, -23

**Typical Applications:** UL Listed Liquid-tight Flexible Metallic Conduit are designed for applications where safety concerns exist regarding a materials reaction in a fire situation

Liquid-tight Flexible Metallic Conduit										Fittings										Accessories													
Core Material: Galvanized Steel Jacket Material: PVC, Smooth, Black Copper Bonding Wire: 3/8" to 1-1/4"										Steel, Malleable Iron Zinc Chromate																							
Trade Size Reference										Series 5200/5300 Liquidtight										Series 5300-NB Nickel Plated Brass													
Carton <sup>2)</sup>										Insulated										All													
Technical										Non-Insulated										Insulated													
UL Bond										Straight										Straight													
ID Range (Nominal)										45°										45°													
Min. Static Bend Radius										90°										90°													
Type										Suffix <sup>3)</sup>										Suffix <sup>3)</sup>													
Std. Thread										Part No.										Part No.													
Part No.										Part No.										Part No.													
3/8"	12mm	16mm	LTZU501B-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	5241	5251	GR	5331-NB	5341-NB	5351-NB	5261	LNB/018	HS-101	HS-901	WMG-LT1
1/2"	16mm	20mm	LTZU502B-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	5242	5252	GR	5332-NB	5342-NB	5352-NB	5262	LNB/050	HS-102	HS-902	WMG-LT2
3/4"	21mm	25mm	LTZU503B-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	5233	5243	5253	GR	5333-NB	5343-NB	5353-NB	5233	5243	5253	GR	5333-NB	5343-NB	5353-NB	5263	LNB/075	HS-103	HS-903	WMG-LT3
1"	27mm	32mm	LTZU504B-C	100	30	Yes	1.041 to 1.066 (1.053)	25.4 to 27.1	5.5"	140mm	NPT 1"	5334	5344	5354	5234	5244	5254	GR	5334-NB	5344-NB	5354-NB	5234	5244	5254	GR	5334-NB	5344-NB	5354-NB	5264	LNB/100	HS-104	HS-904	WMG-LT4
1-1/4"	35mm	40mm	LTZU505B-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	5235	5245	5255	GR	5335-NB	5345-NB	5355-NB	5235	5245	5255	GR	5335-NB	5345-NB	5355-NB	5265	LNB/125	HS-105	HS-905	WMG-LT5
1-1/2"	41mm	50mm	LTZU506B-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	5236	5246	5256	GR	5336-NB	5346-NB	5356-NB	5236	5246	5256	GR	5336-NB	5346-NB	5356-NB	5266	LNB/150	HS-106	HS-906	WMG-LT6
2"	53mm	63mm	LTZU507B-B	50	15	No	2.020 to 2.045 (2.032)	51.3 to 51.9	6.0"	152mm	NPT 2"	5337	5347	5357	5237	5247	5257	GR	5337-NB	5347-NB	5357-NB	5237	5247	5257	GR	5337-NB	5347-NB	5357-NB	5267	LNB/200	HS-107	HS-907	WMG-LT7
2-1/2"	63mm	70mm	LTZU508B-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	5238	5248	5258	GR	5338-NB 4)			5238	5248	5258	GR	5338-NB 4)			5268	Std.	HS-108	HS-908	WMG-LT8
3"	78mm	80mm	LTZU509B-A	25	8	No	3.070 to 3.100 (3.085)	78.0 to 78.7	10.0"	254mm	NPT 3"	5339	5349	5359	5239	5249	5259	GR	5338-NB 4)			5239	5249	5259	GR	5338-NB 4)			5269	Std.	HS-109	HS-909	WMG-LT9
4"	103mm	100mm	LTZU511B-A	25	8	No	4.000 to 4.040 (4.020)	101.6 to 105.6	12.0"	305mm	NPT 4"	5340	5350	5360	5240	5250	5260	GR	5338-NB 4)			5240	5250	5260	GR	5338-NB 4)			5270	Std.	HS-110	HS-910	WMG-LT10

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) Sealing Gasket required to achieve ingress ratings on NPT Fittings, Metric Fittings supplied with O-rings as standard  
 2) Packaging lengths available in cartons, standard reels and bulk reels, see Publication No. TDS000010 for details  
 3) Grounding Fittings available for NPT threaded versions, add suffix GR to the part number for ordering. Example: 5333GR  
 4) Large NPB Fittings supplied with lock nut as standard.

