

Quick Select Table: LTGU General Purpose, 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: -20 to +80°C (-2 to +176°F)
 Oil: -20 to +70°C (-4 to +158°F)
 Wet: -20 to +60°C (-4 to +140°F)
 CSA: Dry: -20 to +75°C (-4 to +167°F)
 IEC/CE: Gen: -25 to +90°C (-13 to +194°F)

LTGU Liquid-tight Flexible Metallic Conduit References:

Technical Data Sheet: TDS000001
 Chemical Resistance Guide: TDS000117
 UL 360
 CSA C22.2, No. 56
 IEC/EN 61386-1, -23

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: E125517
 CSA File: LR-72635
 EU DoC: EC-012-16-102
 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 General Purpose Applications where bonding is required and highest performance under severe environmental conditions.

Liquid-tight Flexible Metallic Conduit											Fittings											Accessories																																									
Core Material: Galvanized Steel Jacket Material: PVC, Smooth, Machine Tool Gray Copper Bonding Wire: 3/8" to 1-1/4"											Steel, Malleable Iron Zinc Chromate																																																				
Trade Size Reference											Ser. 5200/5300 Liquid-tight											Ser. 5200/5300 Liquid-tight - High Temp					Ser. 5300-NB Liquid-tight Nickel Plated Brass																																				
UL			CSA			ISO/BSEN			Carton ²⁾		Technical		Type		Insulated			Non-Insulated			All		Insulated			Insulated			Seal Gasket		Conduit Support		Wire Mesh																														
Part. No.			Feet		Meters		UL Bond Wire	ID Range (Nominal)		Min. Static Bend Radius		Std. Thread		Part No.			Part No.			Suffix ³⁾		Part No.			Part No.			Part No. ⁴⁾		Part No.		Part No.																															
Inch Metric Metric			Inch mm		Inch mm		Inch mm	Inch mm		Inch mm		Part No.			Part No.			Part No.		Part No.			Part No.			Part No. ¹⁾		Part No. ¹⁾		Part No. ⁴⁾	Part No.		Part No.																														
3/8"			12mm			16mm			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		5331-HT			5341-HT			5351-HT		5331-NB			5341-NB			5351-NB		5261		5261-HT		LNB/038	HS-101 HS-901		WMG-LT1
1/2"			16mm			20mm			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		5332-HT			5342-HT			5352-HT		5332-NB			5342-NB			5352-NB		5262		5262-HT		LNB/050	HS-102 HS-902		WMG-LT2
3/4"			21mm			25mm			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		5333-HT			5343-HT			5353-HT		5333-NB			5343-NB			5353-NB		5263		5263-HT		LNB/075	HS-103 HS-903		WMG-LT3
1"			27mm			32mm			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		5334-HT			5344-HT			5354-HT		5334-NB			5344-NB			5354-NB		5264		5264-HT		LNB/100	HS-104 HS-904		WMG-LT4
1-1/4"			35mm			40mm			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		5334-HT			5344-HT			5354-HT		5335-NB			5345-NB			5355-NB		5265		5265-HT		LNB/125	HS-105 HS-905		WMG-LT5
1-1/2"			41mm			50mm			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		5334-HT			5344-HT			5354-HT		5336-NB			5346-NB			5356-NB		5266		5266-HT		LNB/150	HS-106 HS-906		WMG-LT6
2"			53mm			63mm			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		5334-HT			5344-HT			5354-HT		5331-NB			5341-NB			5351-NB		5267		5267-HT		LNB/200	HS-107 HS-907		WMG-LT7
2-1/2"			63mm			70mm			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			5348			5358		5238			5248			5258		5338-NB 5)						5268		5268-HT		Std.	HS-108 HS-908		WMG-LT8										
3"			78mm			80mm			25		8		No	3.070 to 3.100 (3.085)		78.0 to 78.7 (78.4)		10.0"		254mm		NPT 3"		5339			5349			5359		5239			5249			5259		5338-NB 5)						5269		5269-HT		Std.	HS-109 HS-909		WMG-LT9										
4"			103mm			100mm			25		8		No	4.000 to 4.040 (4.020)		101.6 to 105.6 (102.1)		12.0"		305mm		NPT 4"		5340			5350			5360		5240			5250			5260		5338-NB 5)						5270		5270-HT		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) Seal Gasket required to achieve ingress ratings
 - 2) Packaging lengths available in cartons, standard reels and bulk reels, see publication TDS000001 for details
 - 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

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