

# Quick Select Table: LTFU Blue AM Food & Bev, UL Listed



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

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, 12, 13  
 IEC Ingress: IP66, IP67, IP68, IP69

## System Temperature Ratings:

UL: Dry: -30 to +105°C (-22 to +221°F)  
 Oil: -30 to +70°C (-22 to +158°F)  
 Wet: -30 to +60°C (-22 to +140°F)  
 Dry: -30 to +105°C (-22 to +221°F)  
 IEC/CE: Gen: -25 to +90°C (-13 to +194°F)

## LTFU Blue AM Liquid-tight Flexible Metallic Conduit:

Technical Data Sheet: TDS000569  
 Chemical Resistance Guide: GM7656  
 UL 360  
 CSA C22.2, No. 56  
 IEC 61386-1, -23  
 UL File: E125517  
 CSA File: LR-72635  
 EU DoC: EC-012-16-102

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

Technical Data Sheet: TDS000126, TDS000124  
 Chemical Resistance Guide: Contact T&B Tech Support  
 UL 514B  
 CSA C22.2, No. 18  
 IEC 61386-1, -23  
 UL File: E23018  
 CSA File: LR-4484, LR-2884  
 EU DoC: EC-012-15-025

## SAM One Piece Liquid-tight Fitting References:

Technical Data Sheet: Type SAM  
 UL 514B  
 IEC 61386-1, -23  
 UL File: E60625  
 EU DoC: EC-012-15-025

**Typical Applications:** LTFU Blue UL Listed Food & Bev "Antimicrobial" LFMC utilizes a FDA compliant compound, formulated for "splash zone" food and beverage contact per FDA CFR21 and NSF 51/61 requirements.

Liquid-tight Flexible Metallic Conduit										Fittings										Accessories				
Core Material: Galvanized Steel Jacket Material: PVC, Smooth, Antimicrobial Blue Copper Bonding Wire: 3/8" to 1-1/4"										Series 5300/5276 Stainless Steel Liquid-tight										Series 5300 Steel Liquid-tight				
Trade Size Reference										Type										SAM One Piece				
UL	CSA	ISO/BSEN	Part No.	Feet	Meters	UL Bond Wire	ID Range (Nominal)	mm	Min. Static Bend Radius	mm	Std.	Thread	Insulated w/ Galv. Steel Ground Cone	Insulated w/ SST 316 Ground Cone	SST 316	Insulated	Non-Insulated	All	Locknuts - SST 316 <sup>4)</sup>	Seal	Gasket <sup>5)</sup>	Wire Mesh	Conduit Support 1 & 2 Hole	
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.
3/8"	12mm	16mm	LTFU503L-C	100	30	Yes	0.484 to 0.505 (0.493)	12.3 to 12.8 (12.5)	2.0"	51mm	NPT 1/2"	S333SST6	S343SST6	S353SST6	S363SST6-G	S373SST6-G	S383SST6-G	S393SST6-G	S403SST6-G	S413SST6-G	S423SST6-G	S433SST6-G	S443SST6-G	S453SST6-G
1/2"	16mm	20mm	LTFU502L-C	100	30	Yes	0.622 to 0.642 (0.632)	15.8 to 16.3 (16.0)	3.0"	76mm	NPT 1/2"	S332SST6	S342SST6	S352SST6	S362SST6-G	S372SST6-G	S382SST6-G	S392SST6-G	S402SST6-G	S412SST6-G	S422SST6-G	S432SST6-G	S442SST6-G	S452SST6-G
3/4"	21mm	25mm	LTFU503L-C	100	30	Yes	0.820 to 0.840 (0.830)	20.8 to 21.3	4.2"	107mm	NPT 3/4"	S333SST6	S343SST6	S353SST6	S363SST6-G	S373SST6-G	S383SST6-G	S393SST6-G	S403SST6-G	S413SST6-G	S423SST6-G	S433SST6-G	S443SST6-G	S453SST6-G
1"	27mm	32mm	LTFU504L-C	100	30	Yes	1.041 to 1.066 (1.053)	25.4 to 27.1	5.5"	140mm	NPT 1"	S334SST6	S344SST6	S354SST6	S364SST6-G	S374SST6-G	S384SST6-G	S394SST6-G	S404SST6-G	S414SST6-G	S424SST6-G	S434SST6-G	S444SST6-G	S454SST6-G
1-1/4"	35mm	40mm	LTFU505L-B	50	15	Yes	1.380 to 1.410 (1.395)	35.1 to 35.8	7.0"	178mm	NPT 1-1/4"	S335SST6	S345SST6	S355SST6	S365SST6-G	S375SST6-G	S385SST6-G	S395SST6-G	S405SST6-G	S415SST6-G	S425SST6-G	S435SST6-G	S445SST6-G	S455SST6-G
1-1/2"	41mm	50mm	LTFU506L-B	50	15	No	1.575 to 1.600 (1.587)	40.0 to 40.6	4.5"	114mm	NPT 1-1/2"	S336SST6	S346SST6	S356SST6	S366SST6-G	S376SST6-G	S386SST6-G	S396SST6-G	S406SST6-G	S416SST6-G	S426SST6-G	S436SST6-G	S446SST6-G	S456SST6-G
2"	53mm	63mm	LTFU507L-B	50	15	No	2.020 to 2.045 (2.032)	51.3 to 51.9	6.0"	152mm	NPT 2"	S337SST6	S347SST6	S357SST6	S367SST6-G	S377SST6-G	S387SST6-G	S397SST6-G	S407SST6-G	S417SST6-G	S427SST6-G	S437SST6-G	S447SST6-G	S457SST6-G
2-1/2"	63mm	70mm	LTFU508L-A	25	8	No	2.480 to 2.505 (2.492)	63.0 to 63.6	8.0"	203mm	NPT 2-1/2"	S338-NB-S1												
3"	78mm	80mm	LTFU509L-A	25	8	No	3.070 to 3.100 (3.085)	78.0 to 78.7	10.0"	254mm	NPT 3"	S339-NB-S1												
4"	103mm	100mm	LTFU511L-A	25	8	No	4.000 to 4.040 (4.020)	101.6 to 105.6	12.0"	305mm	NPT 4"	S340-NB-S1												

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 <https://library.abb.com/> for latest document revision.

- Notes:
- 1) Seal Gaskets required to achieve ingress ratings for Series 5300 LT Fittings
  - 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) Locknuts must be ordered separately for Stainless Steel Fittings
  - 5) Locknuts are supplied as standard with -NB Nickel Plated Brass Fittings

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