

Quick Select Table: LT6GE SST 316L General Purpose, CE



System Ingress Ratings: ¹⁾

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

System Temperature Ratings:

Gen: Dry: -55 to +105°C (-67 to +221°F)
 IEC/CE: Gen: -45 to +105°C (-49 to +221°F)

LT6GE Liquid-tight Flexible Metallic Conduit References:

Technical Data Sheet: TDS000087
 Chemical Resistance Guide: GM7656
 IEC 61386-1, -23 EU DoC: EC-012-16-177
 Manufactured to UL 360 ID/OD Dimensions

Series 5300SST6 Liquid-tight Fitting References:

Customer Drawing: Contact T&B Tech Support
 Chemical Resistance Guide: TDS000081
 UL 514B UL File: E23018
 CSA C22.2, No. 18 CSA File: LR-4484
 EU DoC: Contact T&B Tech Support

Typical Applications: LT6GE Stainless Steel 316L General Purpose Liquid-tight Flexible Metallic Conduits provide superior performance in the harshest corrosive applications.

Liquid-tight Flexible Metallic Conduit											Fittings										Accessories								
Core Material: Stainless Steel 316L Jacket Material: PVC, Smooth, Gray Copper Bonding Wire: None											Stainless Steel 316 Series 5300 SST6 Stainless Steel 316										Locknuts - SST 316 ⁵⁾								
Trade Size Reference			Part No.	Carton 2 ¹⁾		UL Bond Wire	Technical				Type		Insulated w/ Galv. Steel Ground Cone			Insulated w/ SST 316 Ground Cone			All	Insulated			Locknuts - SST 316 ⁵⁾		Sealing Gasket ³⁾	Wire Mesh Grips	Conduit Support	Ty-Rap ³⁾	
UL	CSA	ISO/BSEN		Feet	Meters		ID Range (Nominal)	Min. Static Bend Radius	Std.	Thread	Straight	45°	90°	Straight	45°	90°	All	Straight	45°	90°	NPT	ISO Metric	Part No.	Part No.	Part No.	Part No.	Part No.	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.	
3/8"	12mm	16mm	LT6GES01G-C	100	30	No	0.484 to 0.505 (0.493)	12.3 to 12.8 (12.5)	2.0"	51mm	NPT 1/2"	5331SST6	5341SST6	5351SST6	5331SST6-6	5341SST6-6	5351SST6-6	---	---	---	LSS038	---	5261	WMG-LT1	P CLIP/16	TYHT23M			
1/2"	16mm	20mm	LT6GES02G-C	100	30	No	0.622 to 0.642 (0.632)	15.8 to 16.3 (16.0)	3.0"	76mm	NPT 1/2"	5332SST6	5342SST6	5352SST6	5332SST6-6	5342SST6-6	5352SST6-6	---	---	---	LSS050	---	5262	WMG-LT2	P CLIP/20	TYHT23M			
3/4"	21mm	25mm	LT6GES03G-C	100	30	No	0.820 to 0.840 (0.830)	20.8 to 21.3	4.2"	107mm	NPT 3/4"	5333SST6	5343SST6	5353SST6	5333SST6-6	5343SST6-6	5353SST6-6	---	---	---	LSS075	---	5263	WMG-LT3	P CLIP/25	TYHT25M			
1"	27mm	32mm	LT6GES04G-C	100	30	No	1.041 to 1.066 (1.053)	25.4 to 27.1	5.5"	140mm	NPT 1"	5334SST6	5344SST6	5354SST6	5334SST6-6	5344SST6-6	5354SST6-6	---	---	---	LSS100	---	5264	WMG-LT4	P CLIP/32	TYHT25M			
1-1/4"	35mm	40mm	LT6GES05G-B	50	15	No	1.380 to 1.410 (1.395)	35.1 to 35.8	7.0"	178mm	NPT 1-1/4"	5335SST6	5345SST6	5355SST6	5335SST6-6	5345SST6-6	5355SST6-6	---	---	---	LSS125	---	5265	WMG-LT5	P CLIP/40	TYHT25M			
1-1/2"	41mm	50mm	LT6GES06G-B	50	15	No	1.575 to 1.600 (1.587)	40.0 to 40.6	4.5"	114mm	NPT 1-1/2"	5336SST6	5346SST6	5356SST6	5336SST6-6	5346SST6-6	5356SST6-6	---	---	---	LSS150	---	5266	WMG-LT6	P CLIP/50	TYHT25M			
2"	53mm	63mm	LT6GES07G-B	50	15	No	2.020 to 2.045 (2.032)	51.3 to 51.9	6.0"	152mm	NPT 2"	5337SST6	5347SST6	5357SST6	5337SST6-6	5347SST6-6	5357SST6-6	---	---	---	LSS200	---	5267	WMG-LT7	P CLIP/63	TYHT27M			
2-1/2"	63mm	70mm	LT6GES08G-A	25	8	No	2.480 to 2.505 (2.492)	63.0 to 63.6	8.0"	203mm	NPT 2-1/2"	4)	4)	4)	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---
3"	78mm	80mm	LT6GES09G-A	25	8	No	3.070 to 3.100 (3.085)	78.0 to 78.7	10.0"	254mm	NPT 3"	4)	4)	4)	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---
4"	103mm	100mm	LT6GES11G-A	25	8	No	4.000 to 4.040 (4.020)	101.6 to 105.6	12.0"	305mm	NPT 4"	4)	4)	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. This information is regularly maintained and is subject to change at the discretion of T&B/ABB. Go to www.abb.com/low-voltage/products/conduit-fittings/liquidtight-systems for latest document revision.

- Notes:
- Sealing Gasket required to achieve ingress ratings
 - Packaging lengths available in cartons, standard reels and bulk reels, see Publication No. TDS000087 for details
 - Ty-Rap® recommendation is based on 150% of conduit circumference, final selection should be determined by actual application requirements for type, length & tensile rating.
 - Contact factory for availability
 - Locknuts must be ordered separately