

Quick Select Table: LTGC General Purpose, CSA Certified



System Ingress Ratings: ¹⁾

UL Indoor: Type 4, 12, 13
 UL Outdoor: Type 3, 3R, 4
 CSA Certified: Type 3, 3R, 4, 12, 13
 NEMA: Type 3, 3R, 4, 12, 14
 IEC Ingress: IP66, IP67

System Temperature Ratings:

CSA: Dry: -30 to +75°C (-22 to +167°F)
 Oil: -30 to +70°C (-22 to +158°F)
 Wet: -30 to +60°C (-22 to +140°F)
 IEC/CE: Gen: -45 to +90°C (-49 to +194°F)

LTGC Liquid-tight Flexible Metallic Conduit References:

Technical Data Sheet: TDS000003
 Chemical Resistance Guide: GM7656
 CSA C22.2, No. 56 CSA File: LR-72635
 IEC 61386-1, -23 EU DoC: EC-012-16-158
 Manufactured to UL 360 ID/OD Dimensions

Series 52/53 Liquid-tight Fitting References:

Customer Drawing: WSD-001535
 Chemical Resistance Guide: Contact T&B Tech Support
 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: For use to CEC as described in Section 12-1300 for dry, damp and wet locations where flexibility is required

Liquid-tight Flexible Metallic Conduit												Fittings												Accessories											
Core Material: Galvanized Steel Jacket Material: PVC, Smooth, Black Copper Bonding Wire: None												Steel, Malleable Iron Zinc Chromate																							
Trade Size Reference												Series 5200/5300 Liquidtight												Series 5200/5300-PT Liquidtight - Quick Connect											
Carton ²⁾												Insulated						Non-Insulated			All			Insulated			Non-Insulated			Sealing Gasket	Wire Mesh Grips	Conduit Support	Ty-Rap ⁴⁾		
UL	CSA	ISO/BSEN	Part No.	Feet	Meters	UL Bond Wire	Technical		Type		Straight			45°			90°			All	Straight			45°			90°			Part No.	Part No.	Part No.	Part No.	Part No.	Part No.
Inch	Metric	Metric					ID Range (Nominal)	Min. Static Bend Radius	Std.	Thread	Part No.	Part No.	Part No.	Part No.	Part No.	Part No.	Part No.	Suffix ³⁾	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	LTGCS01B-C	100	30	No	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-PT	5341-PT	5351-PT	5231-PT	5241-PT	5251-PT	5261	WMG-LT1	P CLIP/16	TY23MX-A						
1/2"	16mm	20mm	LTGCS02B-C	100	30	No	0.622 to 0.642 (0.632)	15.8 to 16.3 (16.0)	3.3"	84mm	NPT	1/2"	5332	5342	5352	5232	5242	5252	...GR	5332-PT	5342-PT	5352-PT	5232-PT	5242-PT	5252-PT	5262	WMG-LT2	P CLIP/20	TY23MX-A						
3/4"	21mm	25mm	LTGCS03B-C	100	30	No	0.820 to 0.840 (0.830)	20.8 to 21.3	4.3"	109mm	NPT	3/4"	5333	5343	5353	5233	5243	5253	...GR	5333-PT	5343-PT	5353-PT	5233-PT	5243-PT	5253-PT	5263	WMG-LT3	P CLIP/25	TY24MX-A						
1"	27mm	32mm	LTGCS04B-C	100	30	No	1.041 to 1.066 (1.053)	25.4 to 27.1	6.5"	1650mm	NPT	1"	5334	5344	5354	5234	5244	5254	...GR	5334-PT	5344-PT	5354-PT	5234-PT	5244-PT	5254-PT	5264	WMG-LT4	P CLIP/32	TY24MX-A						
1-1/4"	35mm	40mm	LTGCS05B-B	50	15	No	1.380 to 1.410 (1.395)	35.1 to 35.8	8.0"	203mm	NPT	1-1/4"	5335	5345	5355	5235	5245	5255	...GR	5335-PT	5345-PT	5355-PT	5235-PT	5245-PT	5255-PT	5265	WMG-LT5	P CLIP/40	TY25MX-A						
1-1/2"	41mm	50mm	LTGCS06B-B	50	15	No	1.575 to 1.600 (1.587)	40.0 to 40.6	9.0"	229mm	NPT	1-1/2"	5336	5346	5356	5236	5246	5256	...GR	5336-PT	5346-PT	5356-PT	5236-PT	5246-PT	5256-PT	5266	WMG-LT6	P CLIP/50	TY25MX-A						
2"	53mm	63mm	LTGCS07B-B	50	15	No	2.020 to 2.045 (2.032)	51.3 to 51.9	11.0"	279mm	NPT	2"	5337	5347	5357	5237	5247	5257	...GR	5337-PT	5347-PT	5357-PT	5237-PT	5247-PT	5257-PT	5267	WMG-LT7	P CLIP/63	TY26MX-A						
2-1/2"	63mm	70mm	LTGCS08B-A	25	8	No	2.480 to 2.505 (2.492)	63.0 to 63.6	14.8"	376mm	NPT	2-1/2"	5338	5348	5358	5238	5248	5258	...GR	5338-PT	5348-PT	5358-PT	5238-PT	5248-PT	5258-PT	5268	WMG-LT8	P CLIP/75	TY26MX-A						
3"	78mm	80mm	LTGCS09B-A	25	8	No	3.070 to 3.100 (3.085)	78.0 to 78.7	17.5"	445mm	NPT	3"	5339	5349	5359	5239	5249	5259	...GR	5339-PT	5349-PT	5359-PT	5239-PT	5249-PT	5259-PT	5269	WMG-LT9	---	TY26MX-A						
4"	103mm	100mm	LTGCS11B-A	25	8	No	4.000 to 4.040 (4.020)	101.6 to 105.6	24.0"	610mm	NPT	4"	5340	5350	5360	5240	5250	5260	...GR	5340-PT	5350-PT	5360-PT	5240-PT	5250-PT	5260-PT	5270	WMG-LT10	---	TYH29M						

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. TDS000003 for details
- Grounding Fittings available for NPT threaded versions, add suffix GR to the part number for ordering. Example: 5333GR
- 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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