

T&B Liquidtight flexible metallic conduit

Product overview



Part No.	LTGU	LTGE	LTGC	LTAE	LTTU	LTTE	LTXE	LT6XE	LTBU	
Typical application		General Purpose		Aluminium	Wide Temperature		Extreme Temperature		Comp. Blue	
Construction/materials										
Core material	Galv. Steel	Galv. Steel	Galv. Steel	Aluminium	Galv. Steel	Galv. Steel	Galv. Steel	SST 316L	Galv. Steel	
Jacket material	PVC	PVC	FT4 rated PVC	PVC	PVC	PVC	TPR	TPR	PVC	
Copper bonding wire	•	–	–	–	•	–	–	–	•	
Shielded, Copper Tin Braid	–	–	–	–	–	–	–	–	–	
Designed to UL 360 ID/OD Dim.	•	•	•	•	•	•	•	•	•	
Conduit Colours										
Standard	Grey	Grey	Black	Grey	Grey	Grey	Black	Black	Blue	
Optional	Black	Black	–	Black	–	–	–	–	–	
Application specific	–	–	–	–	–	–	–	–	•	
Trade Sizes										
UL (inches)	3/8 - 4	3/8 - 6	3/8 - 4	3/8 - 6	3/8 - 4	3/8 - 6	3/8 - 4	3/8 - 4	3/8 - 4	
CSA (mm)	12 - 103	12 - 155	12 - 103	12 - 155	12 - 103	12 - 155	12 - 103	12 - 103	12 - 103	
Ingress Ratings (with appropriate fitting)										
UL 50E Indoor Type 4, 12, 13	•	•	•	•	•	•	•	•	•	
UL 50E Outdoor Type 3, 3R, 4	•	•	•	•	•	•	•	•	•	
CSA C22.2, No.94: 3, 3R, 4, 12, 13	•	•	•	•	•	•	•	•	•	
IEC/EN 60529 IP66, IP67	•	•	•	•	•	•	•	•	•	
IEC/EN 60529 IP68 , IP69	–	–	–	–	–	–	–	–	–	
NEMA 250: 3, 3R, 4, 12, 13	•	•	•	•	•	•	•	•	•	
NEMA 250: 4X	–	–	–	–	–	–	–	–	–	
Characteristics										
Temperature Ranges										
UL 360	Dry	°C	-30 to +80	–	–	–	-55 to +105	–	–	-30 to +80
CSA C22.2, No. 56	Dry	°C	-30 to +75	–	-40 to +75	–	-50 to +105	–	–	-30 to +75
General	Dry	°C	–	-20 to +80	–	-20 to +80	–	-55 to +105	-60 to +150	-60 to +150
IEC EN 61386-1, -23	General	°C	-25 to +90	-15 to +60	-45 to +90	-15 to +60	-45 to +105	-45 to +105	-45 to +150	-45 to +150
UV resistance	•	•	•	•	•	•	•	•	•	
Flexible	•	•	•	•	•	•	•	•	•	
Low fire hazard	–	–	–	–	–	–	–	–	–	
Halogen free	–	–	–	–	–	–	•	•	–	
EMI screen	–	–	–	–	–	–	–	–	–	
Mechanical strength	High	Medium	High	Low	High	Medium	Medium	High	High	
Impact resistance	High	High	High	Low	High	High	High	High	High	
Small Bend Radius	•	•	•	–	•	•	•	–	–	
UL and CSA certified for Direct Burial	•	–	*	–	•	–	–	–	•	
Approvals										
UL 360 Listed	•	–	–	–	•	–	–	–	•	
CSA C22.2, No. 56	•	–	•	–	•	–	–	–	•	
CSA C22.2, No. 56 - Annex A "Heavy Duty"	•	–	•	–	•	–	–	–	•	
IEC/EN 61386-1, -23	•	•	•	•	•	•	•	•	•	
NSF certification	–	–	–	–	–	–	–	–	–	
RoHS	•	•	•	•	•	•	•	•	•	

• Available/Meets Requirements – Not applicable
*CSA only

T&B Liquidtight Fittings & Accessories

Product Overview



Products

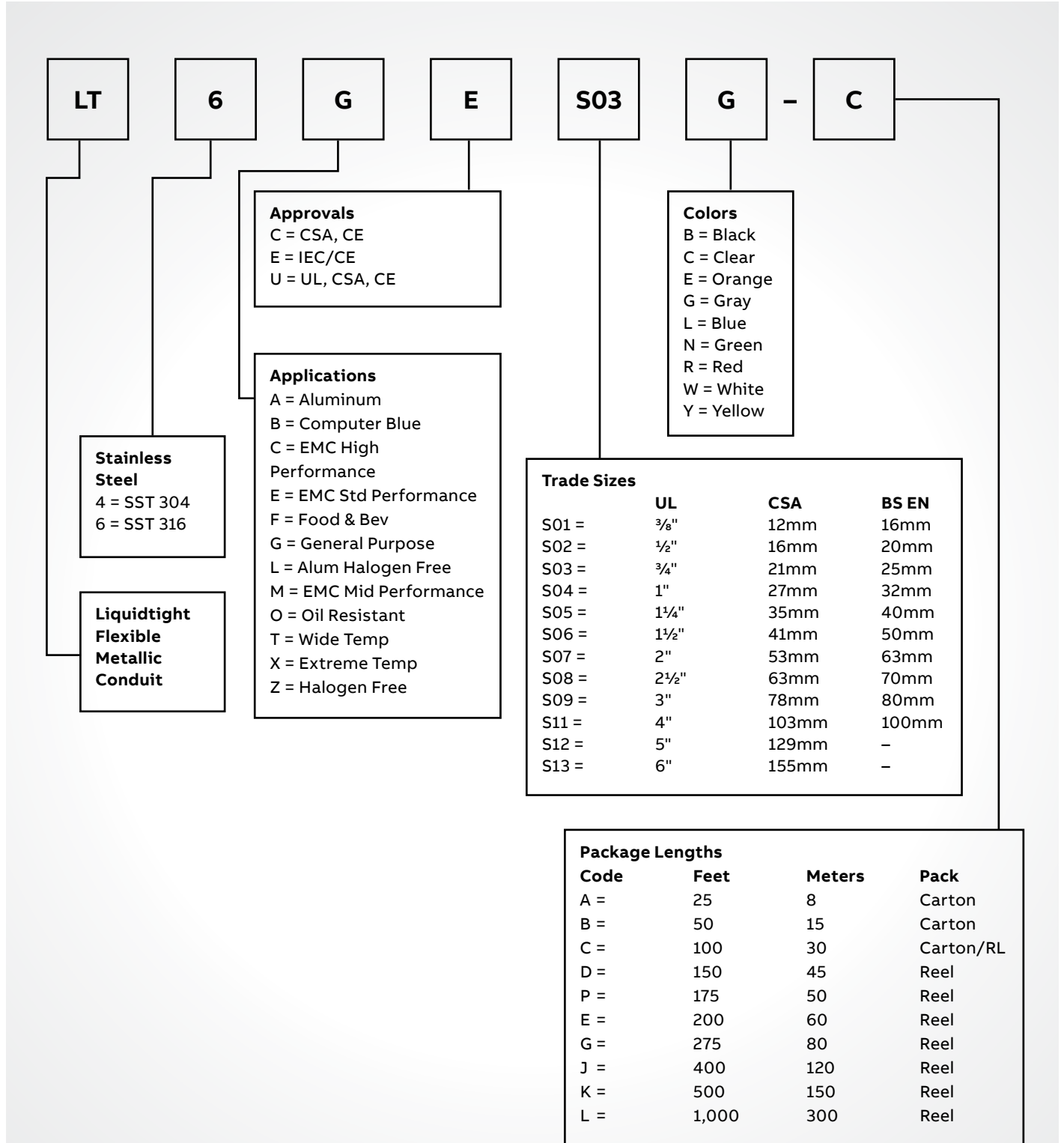
Part No. Designation	Ser. 5200, 5300	Ser. 5200GR, 5300GR	Ser. 5200-PT, 5300-PT	Ser. 5300-HT
Typical Applications	General Purpose Steel, Zinc Chromate	General Purpose, Grounding Steel, Zinc Chromate	GP Quick Connect Steel, Zinc Chromate	Extreme Temperature Steel, Zinc Chromate
Standards, Approvals & Certifications				
UL 514B	Listed	•	•	•
CSA C22.2, No. 18.3	Certified	•	•	•
CSA C22.2, No. 18.3 - "Heavy Duty"	Certified	•	–	–
IEC/EN 61386-1, -23	CE/EU DoC	•	•	•
RoHS	EU Directive	•	•	•
General Application & Installation Solutions				
General Purpose	•	•	•	•
Oil Resistant	•	•	•	•
Wide Temperature	•	•	•	•
Extreme Temperature	–	–	–	•
Aluminum	–	–	–	–
EMI/RFI	•	•	–	–
Data Center & Communications	•	•	–	–
Halogen Free	•	•	•	•
Stainless Steel	–	–	–	–
Food & Beverage	–	–	–	–
Indoor	•	•	•	•
Outdoor	•	•	•	•
Indoor/Outdoor High Corrosion	–	–	–	–
Orientation				
Straight	¾ to 6"	¾ to 6"	¾ to 1"	¾ to 6"
45°	¾ to 4"	¾ to 4"	¾ to 1"	¾ to 4"
90°	¾ to 4"	¾ to 4"	¾ to 1"	¾ to 4"
Trade Sizes				
UL (inches)	¾ to 6"	¾ to 6"	¾ to 1"	¾ to 6"
CSA (mm)	12 to 155mm	12 to 155mm	12 to 27mm	12 to 155mm
ISO/BS EN (mm)	16 to 100mm	16 to 100mm	16 to 32mm	16 to 100mm
Construction/Materials				
Insulation Types	Insulated, Non-insulated	Insulated, Non-insulated	Insulated, Non-insulated	Insulated
Steel/Iron, Zinc Chromate	•	•	•	•
Aluminum (Copper Free)	–	–	–	–
Stainless Steel 316	–	–	–	–
Nickel-Plated Brass	–	–	–	–
Working Temperatures (Static)				
UL 514B	°C	-20 to +105	-20 to +105	-20 to +105
CSA C22.2, No. 18	°C	-20 to +105	-20 to +105	-20 to +105
IEC/EN 61386-1, -23	°C	-25 to +105	-25 to +105	-60 to +150
System Ingress Ratings (Conduit, fittings & seals)				
UL 50E	Indoor	Type 4, 12, 13	•	•
	Outdoor	Type 3, 3R, 4	•	•
CSA C22.2, No. 94		3, 3R, 4, 12, 13	•	•
NEMA 250		3, 3R, 4, 12, 13	•	•
UL 50E, NEMA 250		4X	–	–
IEC/EN 60529		IP66, IP67	•	•

• Available/Meets Requirements – Not applicable

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Part Number Codes

For part number explanation only, not to be used as a configuration tool.





ICT-1

ICT-1

