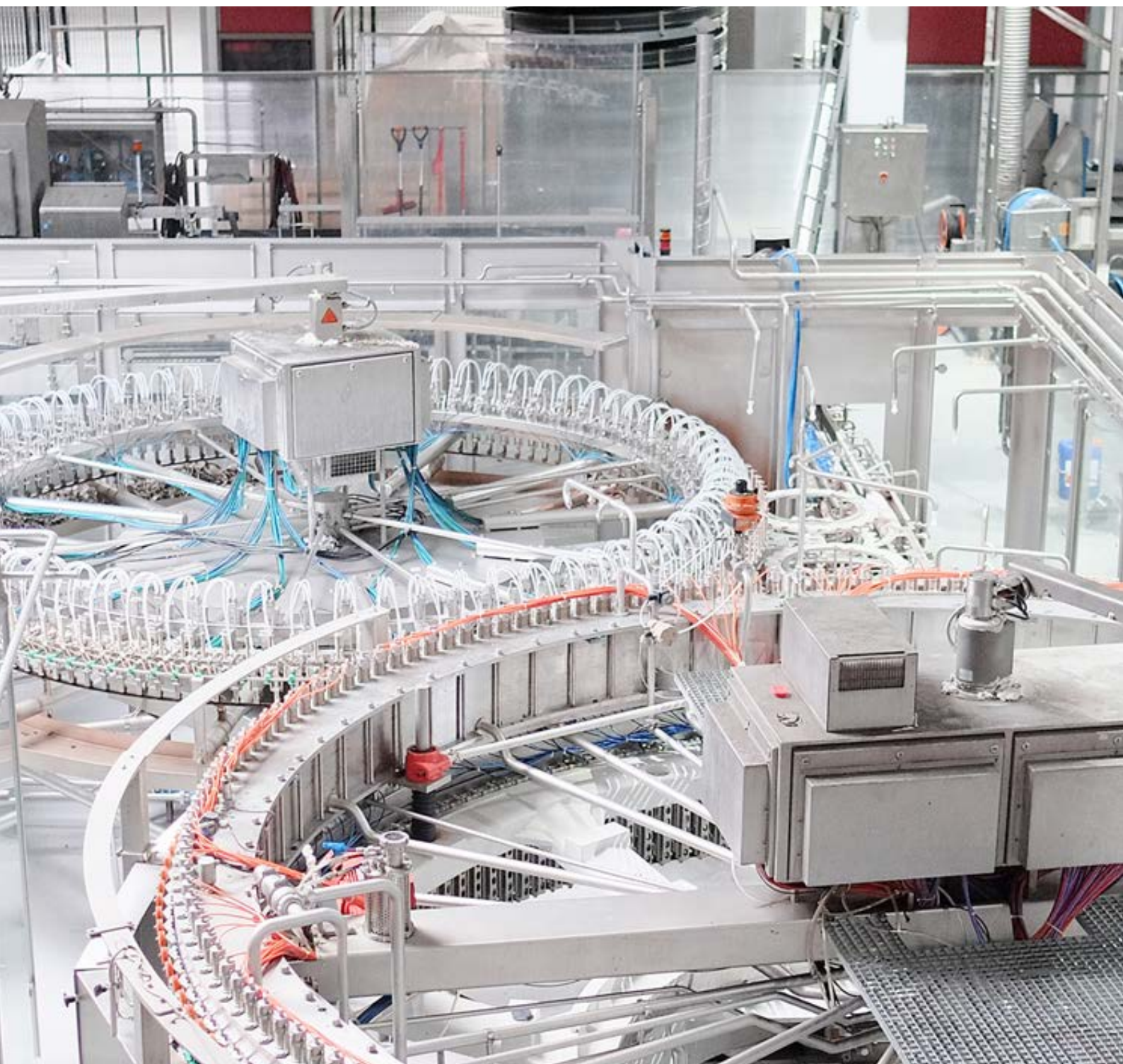


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PRODUCT CATALOG

# T&B Liquidtight Systems™

Global products for global solutions



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**ABB T&B Liquidtight Systems™, the industry leader in cable protection products, has expanded its top-quality line of flexible metal conduits and fittings to the world, making it easier than ever for you to find exactly what you need for your job, no matter where on the globe you are.**

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# ABB T&B Liquidtight Systems™

## Everything you need, Anywhere in the world

ABB T&B Liquidtight Systems™, the industry leader in cable protection products, has expanded its top-quality line of flexible metal conduits and fittings to the world, making it easier than ever for you to find exactly what you need for your application, no matter where on the globe you are.

### Use them anywhere

All T&B Liquidtight Systems products have been carefully vetted for compliance with worldwide standards, so you can be assured of your ability to use them in any country.

### Easy to find what you need

We have made it easier than ever to solve the puzzle of finding the products that are necessary to complete your jobs. Using the new Quick Select Tables, you can order a full line of conduits, fittings, seal gaskets and accessories, all configured for the unique needs of the job whether you require data security, chemical and corrosion resistance, wide or extreme temperature tolerance, food and beverage installations, electromagnetic protection, lightweight aluminum materials or just a general application with T&B Liquidtight's characteristically high ingress protection. Simply choose your job application, choose your trade size and the chart does the rest to help you find what you need.

### Highest Quality

All T&B Liquidtight fittings and conduits have been rigorously tested to ensure that they meet the same special standards. Each product offers the highest quality core materials and jacket extrusions with trade sizes ranging from 3/8-inch to 6-inch (12 mm to 155 mm), meeting world standards including UL, CSA, IEC/EN or CE. The line covers a full range of ingress protection ratings and temperature ratings. So no matter where you are in the world, the system solution you need for your application is here..





# Introduction

## T&B Liquidtight Systems™ Solutions

— 01 General purpose

— 02 Aluminum

— 03 Wide & extreme temperatures

— 04 Computer blue

### General Purpose

#### Typical Applications

- Panel builders & machine OEMs
- Infrastructure
- Industrial installations

T&B Liquidtight's general purpose conduit and fittings bring the reliability and tight ingress protection of the T&B Liquidtight line to multiple uses, from the speedy installation of Quick Connect® fittings to the corrosion protection of stainless steel. A T&B Liquidtight product is available to meet all certifications, including UL, CSA or CE, no matter where in the world you use them.

#### Products:

##### • Conduit:

- LTGU General Purpose, UL listed.
- LTGE General Purpose, CE Cert.
- LTGC General Purpose, CSA cert.
- LTOE Oil Resistant, CE Cert.

#### Fittings:

- Ser. 5200/5300 Steel.
- Ser. 5200/5300 GR Grounding.
- Ser. 5300-PT Quick Connect® Steel.

### Aluminum

#### Typical Applications

- Suspended electrical systems
- Mass transit
- Corrosive environments

Aluminum conduit and fittings from T&B Liquidtight offer excellent corrosion protection along with light weight. Aluminum conduit systems are typically 35-45% lighter than steel systems. General purpose and halogen free products are available.

#### Products:

##### • Conduit:

- LTAE Aluminum, CE Cert.
- LTLE Halogen Free Aluminum, CE Cert.

##### • Fittings:

- Ser. 5200AL Aluminum.
- Ser. 5200AL GR Grounding.



## Wide & Extreme Temperatures

### Typical Applications

- Ovens and furnaces
- Foundries
- Extreme indoor/outdoor environments

High heat and extreme cold can attack and destroy unprotected connections in outdoor installations, ovens or the factory floor. T&B Liquidtight wide temperature range conduit and fittings remain flexible and sealed in temperatures as extreme as -60 to +150 degrees C (-76 to +302 degrees F).

### Products

#### • Conduit:

LTTU Wide Temp, UL Listed.  
LTTE Wide Temp, CE Cert.  
LTXE Extreme Temp, CE Cert.  
LT6XE Extreme Temp, SST.

#### • Fittings:

Ser. 5300 Steel  
Ser. 5300-HT High Temp.  
Ser. 5300SST6HT Stainless Steel High Temp.

## Computer Blue

### Typical Applications

- Data centers & computer rooms
- Information technology
- Color-coded systems

Computer Blue conduits and fittings protect critical connections from a wide range of hazards, including water, oils, cutting fluids and mild acids. Available in optional colors for application-specific solutions such as safety, fire protection, power and control circuits. All are listed and marked for direct burial in earth or poured concrete.

### Products

#### • Conduit:

LTBU Computer Blue, UL Listed.  
LTBU Application Specific Colors, UL Listed.

#### • Fittings:

Ser. 5200/5300 Steel.  
Ser. 5300-NB Nickel Plated Brass.



# Introduction

## T&B Liquidtight Systems™ Solutions

- 05 Halogen-free
- 06 EMC (EMI/RF)
- 07 Stainless steel
- 08 Food & beverage

### Halogen-Free

#### Typical Applications

- Subways and tunnels
- Confined public spaces
- Commercial buildings

Halogen-free conduit and fittings from T&B Liquidtight Systems are designed to avoid releasing corrosive gases in conditions where spaces are confined and fire survivability is a paramount issue for people and sensitive equipment. Available in galvanized steel core or aluminum core for lightweight performance.

#### Products

- **Conduit:**
  - LTZE Halogen Free, CE Cert.
  - LTZU Halogen Free, UL Listed.
  - LTLE Halogen Free, Aluminum CE Cert.
- **Fittings:**
  - Ser. 5200/5300 Steel
  - Ser. 5300-NB Nickel-Plated Brass

### EMC (EMI/RF)

#### Typical Applications

- Factory automation
- Communication systems
- Electronic controls

Where protection from EMI/RFI is paramount to keep sensitive equipment running, T&B Liquidtight Systems has the cladding you need. The conduit range is available with standard, mid- and high-performance EMC screening, with built-in protection from liquids and dust.

#### Products

- **Conduit:**
  - LTEU Standard Performance EMC, CE Cert.
  - LTME Mid-Performance EMC, CE Cert.
  - LTCE High-Performance EMC, CE Cert.
- **Fittings:**
  - Ser. 5300-NB Nickel-Plated Brass.
  - Ser. 5200/5300 Steel.





## Stainless Steel

### Typical Applications

- Highly corrosive environments
- Chemical washdown areas
- Food & beverage processing

Stainless Steel conduit and fittings from T&B Liquidtight Systems are specially designed to shed liquids and preserve connections against the effects of corrosive environments. Systems are available for a wide range of conditions, from general purpose to extreme temperatures or food & beverage installations.

### Products

#### • Conduit:

- LT4GE General Purpose 304 SST, CE Cert.
- LT6GE General Purpose 316L SST, CE Cert.
- LT6XE Extreme Temp 316L SST, CE Cert.
- LT6FE Food & Beverage 316L SST, CE Cert.

#### • Fittings:

- Ser. 5300SST6 Stainless Steel 316
- Ser. 5300SST6HT Stainless Steel 316 High Temp.
- Ser. 5300-NB Nickel-Plated Brass

## Food & Beverage

### Typical Applications

- Food & Beverage plants
- Pharmaceutical machinery
- Sterile manufacturing plants

Where hygiene is paramount, electrical connections must stand up to the pressure of harsh cleaning. T&B Liquidtight conduit and fittings are specifically designed to deliver reliable, long-lasting service, despite the pressure. Available with galvanized steel or stainless steel 316L cores. Some options clad in NSF-certified, FDA-approved compounds.

### Products

#### • Conduit:

- LTFE Food & Bev, UL Listed CE Cert.
- LTFU Food & Bev, UL Listed.
- LT6FE Food & Bev, 316L SST, CE Cert.

#### • Fittings:

- Ser. 5300 SST6 SST 316
- Ser. 5300SST6HT SST 316 High Temp.
- Ser. 5300-NB Nickel-Plated Brass.



# Overview

## Liquidtight metallic & non-metallic fittings

### Liquid-tight flexible metallic conduit fittings

T&B Liquidtight fittings for flexible metal conduits are suitable for a wide range of installations, including heavy industrial applications. Our liquid-tight fittings are designed to stand up to demanding, wet or corrosive environments, including power and petrochemical plants, paper mills, and anywhere high performance is a requirement.

#### Features of T&B Liquidtight Fittings include:

- Safe Edge® ground cone design that accepts variations in raceway convolutions and provides a positive bond
- Continuous sealing ring that completely surrounds the conduit to ensure a liquid-tight seal
- Zinc chromatic plating for longer life and exceptional appearance
- The broadest liquid-tight line in the industry:
  - Steel
  - Steel grounding
  - Steel high temperature
  - Aluminum
  - Aluminum grounding
  - Stainless steel 316
  - Stainless steel 316 high temp
  - Nickel plated brass
  - Steel Quick Connect®
  - Seal gasket
  - Mesh grips
  - Lock nuts
  - Chase fittings

### Liquidtight fittings for special applications

#### The Revolver® Externally Grounded Fitting

The Revolver liquid-tight grounding fitting is our latest breakthrough in convenience to save time and money on the job while delivering a quality connection.

The grounding lug of the new Revolver connector can be rotated in a full circle for convenient positioning that doesn't change when you tighten it. Plus, it's available for the first time in aluminum. It's the newest innovation in ABBs' versatile line of Liquid-tight Connectors - fittings you can count on for liquid-tight and dust-tight connections, because all our products revolve around your needs.

#### CHASE® Style Fittings

Where space is tight, our CHASE fittings enable for compact connections within an enclosure.

#### Sealing Gaskets

ABB sealing gaskets are resistant to oil, coolants and hydraulic fluids as well as water, with a stainless steel retaining clip that ensures a quality seal. They're the ideal match to our liquid-tight connectors for a safe and secure seal.



## Overview

# Liquidtight fittings, engineered to perform in the toughest environments

### T&B Liquidtight metallic flexible conduit fittings

- 1. Gland deflects water** away from connector and prevents “pooling” of moisture. Look for the distinctive pumpkin appearance of the gland nut.
- 2. Self-Cleaning Threads** inside gland nut keep dirt and grime out of the threads as you tighten.
- 3. Double Beveled Sealing Ring** is designed with five unique sealing mechanisms and cannot be installed backwards. Manufactured of high-temperature rated thermoplastic to demanding specifications. Look for the unique T&B blue color ensuring the highest quality fitting.
- 4. Safe Edge® Ground Cone** provides superior bonding, stronger pullout, easy threading and conductor protection. Look for the distinctive “ski slope” appearance within the “pumpkin” gland nut.
- 5. Heat-Curled Insulator** provides excellent wire protection and easier glide of conductors through and into the fitting. In addition, the heat-curled finish gives the insulator more strength than glue-in insulators. Look for the unique T&B blue color ensuring the highest quality fitting.
- 6. Precision Machined Rolled Threads** provide smooth, easy installations.
- 7. Tempered Cast Locknut with Teeth** provides superior strength and electrical bonding and can be installed without a wrench in the enclosure.
- 8. Revolver® Grounding Fitting** Saves time and money using our infinitely adjustable rotating ground lug. Simply align the lug in your preferred position and tighten the gland. You'll never need to worry about tightening it into an inconvenient position again.



Add suffix -GR to the fitting catalog number to order the Revolver® Grounding version.



# T&B Liquidtight flexible metallic conduits

## Product overview



Part No.	LTGU	LTGE	LTGC	LTOE	LTAE	LTTU	LTTE	LTXE	LT6XE		
Typical application		General Purpose		Oil Res.	Aluminium	Wide Temperature		Extreme Temperature			
<b>Construction/materials</b>											
Core material	Galv. Steel	Galv. Steel	Galv. Steel	Galv. Steel	Aluminium	Galv. Steel	Galv. Steel	Galv. Steel	SST 316L		
Jacket material	PVC	PVC	PVC	PVC	PVC	PVC	PVC	TPR	TPR		
Copper bonding wire	•	–	–	–	–	•	–	–	–		
Shielded, Copper Tin Braid	–	–	–	–	–	–	–	–	–		
Designed to UL 360 ID/OD Dim.	•	•	•	•	•	•	•	•	•		
<b>Conduit Colours</b>											
Standard	Grey	Grey	Black	Grey	Grey	Grey	Grey	Black	Black		
Optional (Optional)	Black	Black	–	–	Black	–	–	–	–		
Application specific	–	–	–	–	–	–	–	–	–		
<b>Trade Sizes</b>											
UL (inches)	3/8 - 4	3/8 - 6	3/8 - 4	3/8 - 6	3/8 - 6	3/8 - 4	3/8 - 6	3/8 - 4	3/8 - 4		
CSA (mm)	12 - 103	12 - 155	12 - 103	12 - 155	12 - 155	12 - 103	12 - 155	12 - 103	12 - 103		
ISO/BS EN (mm)	16 - 100	16 - 100	16 - 100	16 - 100	16 - 100	16 - 100	16 - 100	16 - 100	16 - 100		
<b>Ingress Ratings (with appropriate fitting)</b>											
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	•	•	•	•	•	•	•	•	•		
NEMA 250: 3, 3R, 4, 12, 13	•	•	•	•	•	•	•	•	•		
NEMA 250: 4X	–	–	–	–	•	–	–	•	•		
<b>Characteristics</b>											
<b>Temperature Ranges</b>											
UL 360	Dry	°C	-30 to +80	–	–	–	-55 to +105	–	–		
CSA C22.2, No. 56	Dry	°C	-30 to +75	–	-40 to +75	–	-50 to +75	–	–		
General	Dry	°C	–	-20 to +80	–	-30 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	-25 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	Medium	Low	High	Medium	Medium	High		
Impact resistance	High	High	High	High	Low	High	High	High	High		
Small Bend Radius	•	•	•	•	–	•	•	•	–		
UL listed for Direct Burial	•	–	–	–	–	•	–	–	–		
<b>Approvals</b>											
UL 360 Listed	•	–	–	–	–	•	–	–	–		
CSA C22.2, No. 56	•	–	•	–	–	•	–	–	–		
IEC/EN 61386-1, -23	•	•	•	•	•	•	•	•	•		
NSF certification	–	–	–	–	–	–	–	–	–		
RoHS	•	•	•	•	•	•	•	•	•		
<b>Page No.</b>	20	21	22	23	26	28	29	30	31		

• Available/Meets Requirements – Not applicable



LTBU Comp. Blue	LTZU	LTZE Halogen Free	LTLE	LTEU	LTME EMC (RFI/ EMI)	LTCE	LT4GE Stainless Steel	LT6GE	LTFU	LTFE Food & Beverage	LT6FE
Galv. Steel	Galv. Steel	Galv. Steel	Aluminum	Galv. Steel	Bronze	Bronze	SST 304	SST 316L	Galv. Steel	Galv. Steel	SST 316L
PVC	PU	PU	PU	PU	PVC	PVC	PVC	PVC	PVC	PVC	PVC
•	•	-	-	•	-	-	-	-	•	-	-
-	-	-	-	•	-	•	-	-	-	-	-
•	•	•	•	•	•	•	•	•	•	•	•
Blue	Black	Black	Grey	Black	Black	Black	Clear	Grey	White	White	Clear
-	-	-	-	-	-	-	-	Clear	-	-	-
•	-	-	-	-	-	-	-	-	-	-	-
3/8 - 4	3/8 - 4	3/8 - 6	3/8 - 4	3/8 - 2	3/8 - 2	3/8 - 2	3/8 - 2	3/8 - 2	3/8 - 2	3/8 - 2	3/8 - 2
12 - 103	12 - 103	12 - 155	12 - 103	12 - 53	12 - 53	12 - 53	12 - 53	12 - 53	12 - 53	12 - 53	12 - 53
16 - 100	16 - 100	16 - 100	16 - 100	16 - 63	16 - 63	16 - 63	16 - 63	16 - 63	16 - 63	16 - 63	16 - 63
•	•	•	•	•	•	•	•	•	•	•	•
•	•	•	•	•	•	•	•	•	•	•	•
•	•	•	•	•	•	•	•	•	•	•	•
•	•	•	•	•	•	•	•	•	•	•	•
•	•	•	•	•	•	•	•	•	•	•	•
-	-	-	-	-	-	-	•	•	-	-	-
-30 to +80	-40 to +80	-	-	-30 to +80	-	-	-	-	-30 to +80	-	-
-30 to +75	-40 to +60	-	-	-	-	-	-	-	-	-	-
-	-	-40 to +80	-40 to +80	-	-55 to +105	-55 to +105	-20 to +80	-55 to +105	-	-20 to +60	-55 to +105
-25 to +90	-45 to +90	-45 to +90	-45 to +90	-25 to +90	-45 to +105	-45 to +105	-15 to +60	-45 to +105	-25 to +90	-25 to +90	-45 to +105
•	•	•	•	•	•	•	•	•	•	•	•
•	•	•	•	•	•	•	•	•	•	•	•
-	•	•	•	-	-	-	-	-	-	-	-
-	•	•	•	•	-	-	-	-	-	-	-
-	-	-	-	•	•	•	-	-	-	-	-
High	High	Medium	Low	High	Medium	Medium	High	High	High	Medium	Medium
High	High	High	Low	High	High	High	High	High	High	High	High
-	-	•	•	•	•	•	•	•	•	•	•
•	•	-	-	-	-	-	-	-	-	-	-
•	•	-	-	•	-	-	-	-	•	-	-
•	•	-	-	•	-	-	-	-	-	-	-
•	•	•	•	•	•	•	•	•	•	•	•
-	-	-	-	-	-	-	-	-	•	•	•
•	•	•	•	•	•	•	•	•	•	•	•
34	38	39	40	42	43	44	46	47	50	51	52

## 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	General Purpose, Grounding	GP Quick Connect	Extreme Temperature
		Steel, Zinc Chromate	Steel, Zinc Chromate	Steel, Zinc Chromate	Steel, Zinc Chromate
<b>Standards, Approvals &amp; Certifications</b>					
UL 514B	Listed	•	•	•	•
CSA C22.2, No. 18.3	Certified	•	•	•	•
IEC/EN 61386-1, -23	CE/EU DoC	•	•	•	•
RoHS	EU Directive	•	•	•	•
<b>General Application &amp; Installation Solutions</b>					
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		–	–	–	–
<b>Orientation</b>					
Straight		3/8 to 6"	3/8 to 6"	3/8 to 1"	3/8 to 6"
45°		3/8 to 4"	3/8 to 4"	3/8 to 1"	3/8 to 4"
90°		3/8 to 4"	3/8 to 4"	3/8 to 1"	3/8 to 4"
<b>Trade Sizes</b>					
UL (inches)		3/8 to 6"	3/8 to 6"	3/8 to 1"	3/8 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
<b>Construction/Materials</b>					
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		–	–	–	–
<b>Working Temperatures (Static)</b>					
UL 514B	°C	-20 to +105	-20 to +105	-20 to +105	-20 to +105
CSA C22.2, No. 18	°C	-20 to +105	-20 to +105	-20 to +105	-20 to +105
IEC/EN 61386-1, -23	°C	-25 to +105	-25 to +105	-25 to +105	-60 to +150
<b>System Ingress Ratings (Conduits, fittings &amp; seals)</b>					
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	•	•	•
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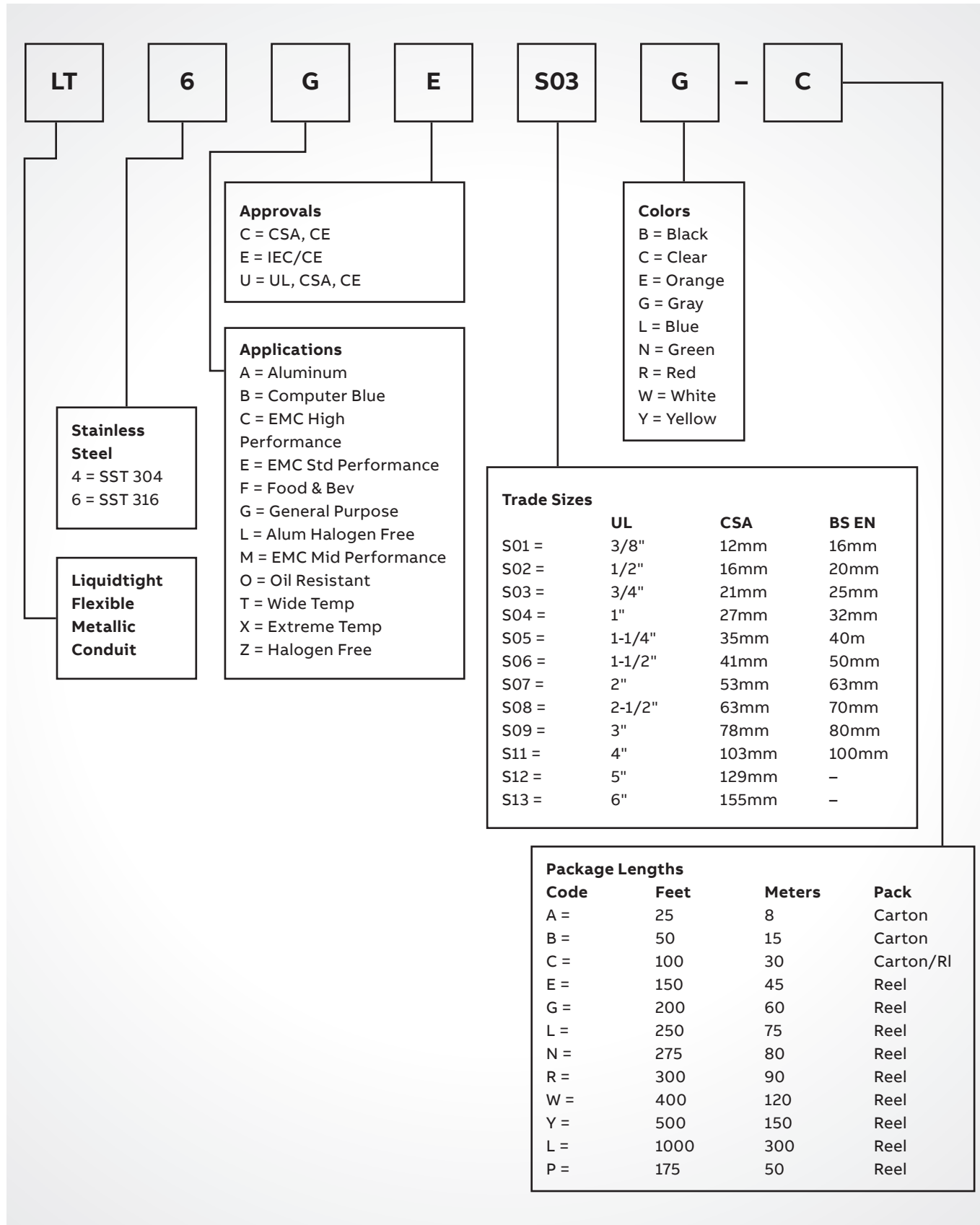


Ser. 5200AL	Ser. 5200ALGR	Ser. 5300SST6	Ser. 5300SST6HT	Ser. 5300-NB	Ser. 5200	Ser. WMG	Ser. 5200, 5300
Corrosion, Light Weight	Corrosion, LW, Grounding	Corrosion	Corrosion & Extreme Temp.	General Purpose	Seal Gaskets	Mesh Grips	Conduit Supports
Aluminum	Aluminum	Stainless Steel 316	Stainless Steel 316	Nickel-Plated Brass	Stainless Steel	Stainless Steel	Various
3/8 to 4"	3/8 to 4"	3/8 to 2"	3/8 to 2"	3/8 to 2"	ALL	ALL	ALL
-	-	3/8 to 2"	3/8 to 2"	3/8 to 2"	ALL	ALL	ALL
3/8 to 2"	3/8 to 2"	3/8 to 2"	3/8 to 2"	3/8 to 2"	ALL	ALL	ALL
3/8 to 4"	3/8 to 4"	3/8 to 2"	3/8 to 2"	3/8 to 2"	3/8 to 4"	3/8 to 4"	3/8 to 4"
12 to 103mm	12 to 103mm	12 to 53mm	12 to 53mm	12 to 53mm	12 to 103mm	13 to 103mm	12 to 103mm
16 to 100mm	16 to 100mm	16 to 63mm	16 to 63mm	16 to 63mm	16 to 100mm	17 to 100mm	16 to 100mm
Non-insulated	Non-insulated	Insulated	Insulated	Insulated	-	-	-
-	-	-	-	-	-	-	-
•	•	-	-	-	-	-	-
-	-	•	•	-	•	•	•
-	-	-	-	•	-	-	-
-20 to +105	-20 to +105	-20 to +105	-20 to +105	-20 to +105	-20 to +105	-20 to +105	-
-20 to +105	-20 to +105	-20 to +105	-20 to +105	-20 to +105	-20 to +105	-20 to +105	-
-25 to +105	-25 to +105	-25 to +105	-60 to +150	-25 to +105	-25 to +105	-25 to +105	-
27	27	49	33/53	37/41/45			

# Liquidtight flexible metallic conduits

## Part Number Codes

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

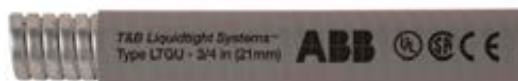






## General purpose - Liquid-tight flexible metal conduits

Type LTGU - UL listed



### Type LTGU - General Purpose

UL Listed, CSA and CE Certified for General Purpose Applications where bonding is required and highest performance under severe environmental conditions

**Materials:** Galvanized Steel Core, Smooth PVC Jacket, with copper bonding wire from 3/8 to 1-1/4"

**Colour:** Gray (Standard), Black (Optional)

### Approvals



UL360  
File No. E125517



IEC EN 61386-1, -23  
DoC: EC-012-16-102



CSA C 22.2, No. 56  
File No. LR 72635



Trade Size			Coil Length									Specifications				
UL	CSA	ISO/ BS EN	Standard Carton			Small Reel			Bulk Reel			UL Bond Wire	ID Range (Nominal)		Min. Inside Bend Radius	
Inch	mm	mm	Part No.	Ft	M	Part No.	Ft	M	Part No.	Ft	M		Inch	mm	Inch	mm
3/8	12	16	LTGUS01G-C	100	30	LTGUS01G-K	500	150	LTGUS01G-L	1,000	300	Yes	0.484 to 0.505 (0.493)	12.3 to 12.8 (12.5)	2.0	51
1/2	16	20	LTGUS02G-C	100	30	LTGUS02G-K	500	150	LTGUS02G-L	1,000	300	Yes	0.622 to 0.642 (0.632)	15.8 to 16.3 (16.0)	3.0	76
3/4	21	25	LTGUS03G-C	100	30	LTGUS03G-K	500	150	LTGUS03G-L	1,000	300	Yes	0.820 to 0.840 (0.830)	20.8 to 21.3 (21.1)	4.2	107
1	27	32	LTGUS04G-C	100	30	LTGUS04G-J	400	120	---	---	---	Yes	1.041 to 1.066 (1.053)	25.4 to 27.1 (26.8)	5.5	140
1-1/4	35	40	LTGUS05G-B	50	15	LTGUS05G-E	200	60	---	---	---	Yes	1.380 to 1.410 (1.395)	35.1 to 35.8 (35.5)	7.0	178
1-1/2	41	50	LTGUS06G-B	50	15	LTGUS06G-D	150	45	---	---	---	No	1.575 to 1.600 (1.587)	40.0 to 40.6 (40.3)	4.5	114
2	53	63	LTGUS07G-B	50	15	LTGUS07G-C	100	30	---	---	---	No	2.020 to 2.045 (2.032)	51.3 to 51.9 (51.6)	6.0	152
2-1/2	63	70	LTGUS08G-A	25	8	LTGUS08G-G	275	80	---	---	---	No	2.480 to 2.505 (2.492)	63.0 to 63.6 (63.3)	8.0	203
3	78	80	LTGUS09G-A	25	8	LTGUS09G-P	175	50	---	---	---	No	3.070 to 3.100 (3.085)	78.0 to 78.7 (78.4)	10.0	254
4"	103	100	LTGUS11G-A	25	8	LTGUS11G-C	100	30	---	---	---	No	4.000 to 4.040 (4.020)	101.6 to 102.6 (102.1)	12.0	305

### System Ingress Ratings

UL 50E "Listed"	
Indoor	Type 4, 12, 13
Outdoor	Type 3, 3R, 4
CSA C22.2, No. 94	Type 3, 3R, 4, 12, 13
NEMA 250	Type 3, 3R, 4, 12, 14
IEC 60529	IP66, IP67

### System Temperature Ratings

UL	Dry: -30 to +80°C (-22 to +176°F)
	Oil: -30 to +70°C (-22 to +158°F)
	Wet: -30 to +60°C (-22 to +140°F)
CSA	Dry: -30 to +75°C (-22 to +167°F)
IEC/CE	Gen: -25 to +90°C (-13 to +194°F)

For more information see  
Technical Data Sheet TDS000001.  
For download on our website.  
Please see also page 72  
for more information.

# General purpose - Liquid-tight flexible metal conduits

Type LTGE - CE certified



## Type LTGE - General Purpose

Designed to UL and CSA ID/OD Dimensions, used extensively in industrial environments where flexibility for motion, vibration is required

**Materials:** Galvanized Steel Core, Smooth PVC Jacket

**Colour:** Gray (Standard), Black (Optional)

## Approvals



Trade Size			Coil Length										Specifications			
UL	CSA	ISO/ BS EN	Standard Carton			Small Reel			Bulk Reel				ID Range (Nominal)		Min. Inside Bend Radius	
Inch	mm	mm	Part No.	Ft	M	Part No.	Ft	M	Part No.	Ft	M	UL Bond Wire	Inch	mm	Inch	mm
3/8	12	16	LTGES01G-C	100	30	LTGES01G-K	500	150	LTGES01G-L	1,000	300	No	0.484 to 0.505 (0.493)	12.3 to 12.8 (12.5)	1.5	38
1/2	16	20	LTGES02G-C	100	30	LTGES02G-K	500	150	LTGES02G-L	1,000	300	No	0.622 to 0.642 (0.632)	15.8 to 16.3 (16.0)	2.0	51
3/4	21	25	LTGES03G-C	100	30	LTGES03G-K	500	150	LTGES03G-L	1,000	300	No	0.820 to 0.840 (0.830)	20.8 to 21.3 (21.1)	2.5	64
1	27	32	LTGES04G-C	100	30	LTGES04G-J	400	120	---	---	---	No	1.041 to 1.066 (1.053)	26.4 to 27.1 (26.8)	3.0	76
1-1/4	35	40	LTGES05G-B	50	15	LTGES05G-E	200	60	---	---	---	No	1.380 to 1.410 (1.395)	35.1 to 35.8 (35.5)	3.5	89
1-1/2	41	50	LTGES06G-B	50	15	LTGES06G-D	150	45	---	---	---	No	1.575 to 1.600 (1.587)	40.0 to 40.6 (40.3)	4.5	114
2	53	63	LTGES07G-B	50	15	LTGES07G-C	100	30	---	---	---	No	2.020 to 2.045 (2.032)	51.3 to 51.9 (51.6)	5.5	140
2-1/2	63	70	LTGES08G-A	25	8	LTGES08G-G	275	80	---	---	---	No	2.480 to 2.505 (2.492)	63.0 to 63.6 (63.3)	8.0	203
3	78	80	LTGES09G-A	25	8	LTGES09G-P	175	50	---	---	---	No	3.070 to 3.100 (3.085)	78.0 to 78.7 (78.4)	10.0	254
4	103	100	LTGES11G-A	25	8	LTGES11G-C	100	30	---	---	---	No	4.000 to 4.040 (4.020)	101.6 to 105.6 (102.1)	12.0	305
5	129	---	LTGES12G-A	25	8	---	---	---	---	---	---	No	3.070 to 3.100 (3.085)	78.0 to 78.7 (78.4)	17.5	445
6	155	---	LTGES13G-A	25	8	---	---	---	---	---	---	No	4.000 to 4.040 (4.020)	101.6 to 103.6 (102.1)	22.5	572

## System Ingress Ratings

UL 50E "Tested"	
Indoor	Type 4, 12, 13
Outdoor	Type 3, 3R, 4
CSA C22.2, No. 94	Type 3, 3R, 4, 12, 13
NEMA 250	Type 3, 3R, 4, 12, 14
IEC 60529	IP66, IP67

## System Temperature Ratings

Gen	Dry: -20 to +80°C (-4 to +176°F)
	Oil: -20 to +70°C (-4 to +158°F)
	Wet: -20 to +60°C (-4 to +140°F)
IEC/CE:	Gen: -15 to +60°C (+5 to +140°F)

For more information see Technical Data Sheet TDS000002. For download on our website. Please see also page 72 for more information.

## General purpose - Liquid-tight flexible metal conduits

Type LTGC - CSA certified



### Type LTGC - General Purpose

General Purpose, CSA Certified T&B Liquidtight Flexible Metallic Conduits provide excellent strength and liquid-tight performance, meeting CEC requirements

**Materials:** Steel Core, Smooth PVC Jacket

**Colour:** Black (Standard)

### Approvals



CSA C22.2, No. 56  
File No. LR-72635



IEC EN 61386-1, -23  
DoC: EC-012-16-158



Trade Size			Coil Length										Specifications			
US	CSA	ISO/ BS EN	Carton		Small Reel			Bulk Reel			UL Bond Wire	ID Range (Nominal)		Min. Inside Bend Radius		
Inch	mm	mm	Part. No.	Ft	M	Part. No.	Ft	M	Part. No.	Ft		M	Inch	mm	Inch	mm
3/8	12	16	LTGCS01B-C	100	30	LTGCS01B-K	500	150	LTGCS01B-L	1,000	300	No	0.484 to 0.505 (0.493)	12.3 to 12.8 (12.5)	2.0	51
1/2	16	20	LTGCS02B-C	100	30	LTGCS02B-K	500	150	LTGCS02B-L	1,000	300	No	0.622 to 0.642 (0.632)	15.8 to 16.3 (16.0)	3.3	84
3/4	21	25	LTGCS03B-C	100	30	LTGCS03B-K	500	150	LTGCS03B-L	1,000	300	No	0.820 to 0.840 (0.830)	20.8 to 21.3 (20.0)	4.3	109
1	27	32	LTGCS04B-C	100	30	LTGCS04B-J	400	120	---	---	---	No	1.041 to 1.066 (1.053)	26.4 to 27.1 (26.8)	6.5	1650
1-1/4	35	40	LTGCS05B-B	50	15	LTGCS05B-E	200	60	---	---	---	No	1.380 to 1.410 (1.395)	35.1 to 35.8 (35.5)	8.0	203
1-1/2	41	50	LTGCS06B-B	50	15	LTGCS06B-D	150	45	---	---	---	No	1.575 to 1.600 (1.587)	40.0 to 40.6 (40.3)	9.0	229
2	53	63	LTGCS07B-B	50	15	LTGCS07B-C	100	30	---	---	---	No	2.020 to 2.045 (2.032)	51.3 to 51.9 (51.6)	11.0	279
2-1/2	63	70	LTGCS08B-A	25	8	---	---	---	---	---	---	No	2.480 to 2.505 (2.492)	63.0 to 63.6 (63.3)	14.8	376
3	78	80	LTGCS09B-A	25	8	---	---	---	---	---	---	No	3.070 to 3.100 (3.085)	78.0 to 78.7 (78.3)	17.5	445
4	103	100	LTGCS11B-A	25	8	---	---	---	---	---	---	No	4.000 to 4.040 (4.020)	101.6 to 05.6 (102.1)	24.0	610

### System Ingress Ratings

UL 50E "Tested"	
Indoor	Type 4, 12, 13
Outdoor	Type 3, 3R, 4
CSA C22.2, No. 94	Type 3, 3R, 4, 12, 13
NEMA 250	Type 3, 3R, 4, 12, 13
IEC 60529	IP66, IP67

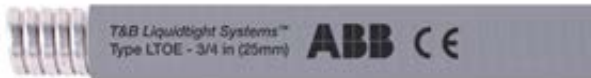
### System Temperature Ratings

CSA	Dry: -40 to +75 (-40 to +167)
	Oil: -40 to +70 (-40 to +158°F)
	Wet: -40 to +60°C (-40 to +140°F)
IEC/CE	Gen: -45 to +90°C (-49 to +176°F)

For more information see  
Technical Data Sheet TDS000003.  
For download on our website.  
Please see also page 72  
for more information.

## Oil Resistant - Liquid-tight flexible metal conduits

Type LTOE - CE certified



### Type LTOE - Oil Resistant

Oil Resistant, CE compliant T&B Liquidtight Flexible Metallic Conduits that incorporate a high quality PVC jacket for severe exposure to oils and other materials.

**Materials:** Galvanized Steel Core, Smooth PVC Jacket,

**Colour:** Gray (Standard)

### Approvals

 IEC EN 61386-1, -23  
DoC: EC-012-16-159



Trade Size			Coil Length									Specifications				
UL	CSA	ISO/ BS EN	Standard Carton			Small Reel			Bulk Reel			UL Bond Wire	ID Range (Nominal)		Min. Inside Bend Radius	
Inch	mm	mm	Part No.	Ft	M	Part No.	Ft	M	Part No.	Ft	M		Inch	mm	Inch	mm
3/8	12	16	LTOES01G-C	100	30	LTOES01G-K	500	150	LTOES01G-L	1,000	300	No	0.484 to 0.505 (0.493)	12.3 to 12.8 (12.5)	1.5	38
1/2	16	20	LTOES02G-C	100	30	LTOES02G-K	500	150	LTOES02G-L	1,000	300	No	0.622 to 0.642 (0.632)	15.8 to 16.3 (16.0)	2.0	51
3/4	21	25	LTOES03G-C	100	30	LTOES03G-K	500	150	LTOES03G-L	1,000	300	No	0.820 to 0.840 (0.830)	20.8 to 21.3 (21.1)	2.5	64
1	27	32	LTOES04G-C	100	30	LTOES04G-J	400	120	---	---	---	No	1.041 to 1.066 (1.053)	26.4 to 27.1 (26.8)	3.0	76
1-1/4	35	40	LTOES05G-B	50	15	LTOES05G-E	200	60	---	---	---	No	1.380 to 1.410 (1.395)	35.1 to 35.8 (35.5)	3.5	89
1-1/2	41	50	LTOES06G-B	50	15	LTOES06G-D	150	45	---	---	---	No	1.575 to 1.600 (1.587)	40.0 to 40.6 (40.3)	4.5	114
2	53	63	LTOES07G-B	50	15	LTOES07G-C	100	30	---	---	---	No	2.020 to 2.045 (2.032)	51.3 to 51.9 (51.6)	5.5	140
2-1/2	63	70	LTOES08G-A	25	8	LTOES08G-G	275	80	---	---	---	No	2.480 to 2.505 (2.492)	63.0 to 63.6 (63.3)	8.0	203
3	78	80	LTOES09G-A	25	8	LTOES09G-P	175	50	---	---	---	No	3.070 to 3.100 (3.085)	78.0 to 78.7 (78.4)	8.0	203
4	103	100	LTOES11G-A	25	8	LTOES11G-C	100	30	---	---	---	No	4.000 to 4.040 (4.020)	101.6 to 05.6 (102.1)	12.0	305
5	129	---	LTOES12G-A	25	8	---	---	---	---	---	---	No	3.070 to 3.100 (3.085)	78.0 to 78.7 (78.4)	17.5	445
6	155	---	LTOES13G-A	25	8	---	---	---	---	---	---	No	4.000 to 4.040 (4.020)	101.6 to 105.6 (102.1)	22.5	572

### System Ingress Ratings

UL 50E "Tested"	
Indoor	Type 4, 12, 13
Outdoor	Type 3, 3R, 4
CSA C22.2, No. 94	Type 3, 3R, 4, 12, 13
NEMA 250	Type 3, 3R, 4, 12, 14
IEC 60529	IP66, IP67

### System Temperature Ratings

Gen	Dry: -30 to +80°C (-22 to +176°F)
	Oil: -30 to +70°C (-22 to +158°F)
	Wet: -30 to +60°C (-22 to +140°F)
IEC/CE	Gen: -25 to +90°C (-13 to +194°F)

For more information see  
Technical Data Sheet TDS000007.  
For download on our website.  
Please see also page 72  
for more information.

## General purpose - Fittings and accessories

### Series 5200/5300 Steel



Steel LT fitting



Steel LT ground fitting

#### Approvals



UL 514 B  
File No. E23018



IEC EN 61386-1,-23  
DoC: EC-12-7185



CSA C22.2, No.18.3  
File No. LR-2884  
LR-4484



Fittings					Series 5200/5300 Liquid-tight									Series 5200/5300 GR Liquid-tight Grounding				
					Insulated			Non-Insulated			Insulated			Non-Insulated				
Trade Size	ISO/BS EN		Type		Straight	45°	90°	Straight	45°	90°	Straight	45°	90°	Straight	45°	90°		
UL Inch	CSA mm	BS EN mm	Std.	Thread	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	12	16	NPT	1/2"	5331	5341	5351	5231	5241	5251	5331GR	5341GR	5351GR	5231GR	5241GR	5251GR		
					ISO	M16	9360	9340	9350	---	---	---	---	---	---	---	---	---
					PG	13.5	7362	7342	7352	---	---	---	---	---	---	---	---	---
1/2	16	20	NPT	1/2"	5332	5342	5352	5232	5242	5252	5332GR	5342GR	5352GR	5232GR	5242GR	5252GR		
					ISO	M20	9362	9342	9352TB	---	---	---	---	---	---	---	---	---
					PG	16	7363	7343	7353	---	---	---	---	---	---	---	---	---
3/4	21	25	NPT	3/4"	5333	5343	5353	5233	5243	5253	5333GR	5343GR	5353GR	5233GR	5243GR	5253GR		
					ISO	M25	9363	9343TB	9353TB	---	---	---	---	---	---	---	---	
					PG	21	7364	7344-TB	7354	---	---	---	---	---	---	---	---	
1	27	32	NPT	1"	5334-TB	5344	5354	5234	5244	5254	5334GR	5344GR	5354GR	5234GR	5244GR	5254GR		
					ISO	M32	9364	9344	9354TB	---	---	---	---	---	---	---	---	
					PG	29	7365	7345	7355	---	---	---	---	---	---	---	---	
1-1/4	35	40	NPT	1-1/4"	5335	5345	5355	5235	5245	5255	5335GR	5345GR	5355GR	5235GR	5245GR	5255GR		
					ISO	M40	9365	9345	9355	---	---	---	---	---	---	---	---	
					PG	36	7366	7346	7356	---	---	---	---	---	---	---	---	
1-1/2	41	50	NPT	1-1/2"	5336	5346	5356	5236	5246	5256	5336GR	5346GR	5356GR	5236GR	5246GR	5256GR		
					ISO	M50	9366	9346	9356	---	---	---	---	---	---	---	---	
					PG	42	7367	7347	7357	---	---	---	---	---	---	---	---	
2	53	63	NPT	2"	5337	5347	5357	5237	5247	5257	5337GR	5347GR	5357GR	5237GR	5247GR	5257GR		
					ISO	M63	9367	9347	9357	---	---	---	---	---	---	---	---	
					PG	48	7368	7348-TB	7358	---	---	---	---	---	---	---	---	
2-1/2	63	70	NPT	2-1/2"	5338	5348	5358	5238	5248	5258	5338GR	5348GR	5358GR	5238GR	5248GR	5258GR		
					ISO	---	---	---	---	---	---	---	---	---	---	---		
					PG	---	---	---	---	---	---	---	---	---	---	---		
3	78	80	NPT	3"	5339	5349	5359	5239	5249	5259	5339GR	5349GR	5359GR	5239GR	5249GR	5259GR		
					ISO	---	---	---	---	---	---	---	---	---	---	---		
					PG	---	---	---	---	---	---	---	---	---	---	---		
4	103	100	NPT	4"	5340	5350	5360	5240	5250	5260	5340GR	5350GR	5360GR	5240GR	5250GR	5260GR		
					ISO	---	---	---	---	---	---	---	---	---	---	---		
					PG	---	---	---	---	---	---	---	---	---	---	---		
5	129	---	NPT	5"	5385	---	---	5285	---	---	5385GR	---	---	5285GR	---	---		
					PG	---	---	---	---	---	---	---	---	---	---	---		
					ISO	---	---	---	---	---	---	---	---	---	---	---		
6	155	---	NPT	6"	5386	---	---	---	---	---	5386GR	---	---	---	---	---		
					PG	---	---	---	---	---	---	---	---	---	---	---		
					ISO	---	---	---	---	---	---	---	---	---	---	---		

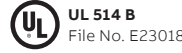
All fittings include locknuts

# General purpose - Fittings and accessories

## Series 5200/5300-PT Quick Connect®



### Approvals



Series 5200/5300-PT Liquidtight - Quick Connect®

Fittings												Series 5200/5300-PT Liquid-tight - Quick Connect®			Accessories
												Seal Gaskets	Wire Mesh Grips	Conduit Support	
												5261	WMG-LT1	P CLIP/16	
												5262	WMG-LT2	P CLIP/20	
												5263	WMG-LT3	P CLIP/25	
												5264	WMG-LT4	P CLIP/32	
												5265	WMG-LT5	P CLIP/40	
												5266	WMG-LT6	P CLIP/50	
												5267	WMG-LT7	P CLIP/63	
												5268	WMG-LT8	P CLIP/75	
												5269	WMG-LT9	---	
												5270	WMG-LT10	---	
												---	---	---	
												---	---	---	
Trade Size		Type			Insulated			Non-Insulated			*Seal Gaskets	Wire Mesh Grips	Conduit Support		
UL Inch	CSA mm	ISO/BS EN mm	Std.	Thread	Straight Part No.	45° Part No.	90° Part No.	Straight Part No.	45° Part No.	90° Part No.	Part No.	Part No.	Part No.		
3/8	12	16	NPT	1/2"	5331-PT	5341-PT	5351-PT	5231-PT	5241-PT	5251-PT	5261	WMG-LT1	P CLIP/16		
			ISO	M16	---	---	---	---	---	---					
			PG	13.5	---	---	---	---	---	---					
1/2	16	20	NPT	1/2"	5332-PT	5342-PT	5352-PT	5232-PT	5242-PT	5252-PT	5262	WMG-LT2	P CLIP/20		
			ISO	M20	---	---	---	---	---	---					
			PG	16	---	---	---	---	---	---					
3/4	21	25	NPT	3/4"	5333-PT	5343-PT	5353-PT	5233-PT	5243-PT	5253-PT	5263	WMG-LT3	P CLIP/25		
			ISO	M25	---	---	---	---	---	---					
			PG	21	---	---	---	---	---	---					
1	27	32	NPT	1"	5334-PT	5344-PT	5354-PT	5234-PT	5244-PT	5254-PT	5264	WMG-LT4	P CLIP/32		
			ISO	M32	---	---	---	---	---	---					
			PG	29	---	---	---	---	---	---					
1-1/4	35	40	NPT	1-1/4"	---	---	---	---	---	---	5265	WMG-LT5	P CLIP/40		
			ISO	M40	---	---	---	---	---	---					
			PG	36	---	---	---	---	---	---					
1-1/2	41	50	NPT	1-1/2"	---	---	---	---	---	---	5266	WMG-LT6	P CLIP/50		
			ISO	M50	---	---	---	---	---	---					
			PG	42	---	---	---	---	---	---					
2	53	63	NPT	2"	---	---	---	---	---	---	5267	WMG-LT7	P CLIP/63		
			ISO	M63	---	---	---	---	---	---					
			PG	48	---	---	---	---	---	---					
2-1/2	63	70	NPT	2-1/2"	---	---	---	---	---	---	5268	WMG-LT8	P CLIP/75		
			ISO	---	---	---	---	---	---	---					
			PG	---	---	---	---	---	---	---					
3	78	80	NPT	3"	---	---	---	---	---	---	5269	WMG-LT9	---		
			ISO	---	---	---	---	---	---	---					
			PG	---	---	---	---	---	---	---					
4	103	100	NPT	4"	---	---	---	---	---	---	5270	WMG-LT10	---		
			ISO	---	---	---	---	---	---	---					
			PG	---	---	---	---	---	---	---					
5	129	---	NPT	5"	---	---	---	---	---	---	---	---	---		
			PG	---	---	---	---	---	---	---					
			ISO	---	---	---	---	---	---	---					
6	155	---	NPT	6"	---	---	---	---	---	---	---	---	---		
			PG	---	---	---	---	---	---	---					
			ISO	---	---	---	---	---	---	---					

\*Seal gaskets required for Liquid and dust tight installations

## Aluminum - Liquid-tight flexible metal conduits

Type LTAE - CE certified



### Type LTAE - General Purpose

Aluminum, CE compliant T&B Liquidtight Flexible Metallic conduits provide excellent performance in corrosive environments and installations where lightweight wireway is required.

**Materials:** Aluminum, Smooth PVC Jacket,

**Colour:** Gray (Standard)

### Approvals



Trade Size			Coil Length										Specifications			
UL	CSA	ISO/ BS EN	Standard Carton			Small Reel			Bulk Reel				ID Range (Nominal)		Min. Inside Bend Radius	
Inch	mm	mm	Part No.	Ft	M	Part No.	Ft	M	Part No.	Ft	M	UL Bond Wire	Inch	mm	Inch	mm
3/8	12	16	LTAES01G-C	100	30	LTGES01G-K	500	150	LTAES01G-L	1,000	300	No	0.484 to 0.505 (0.493)	12.3 to 12.8 (12.5)	2.0	51
1/2	16	20	LTAES02G-C	100	30	LTGES02G-K	500	150	LTAES02G-L	1,000	300	No	0.622 to 0.642 (0.632)	15.8 to 16.3 (16.0)	2.5	64
3/4	21	25	LTAES03G-C	100	30	LTAES02G-K	500	150	LTAES03G-L	1,000	300	No	0.820 to 0.840 (0.830)	20.8 to 21.3 (21.1)	3.0	76
1	27	32	LTAES04G-C	100	30	LTAES04G-J	400	120	---	---	---	No	1.041 to 1.066 (1.053)	25.4 to 27.1 (26.8)	4.0	102
1-1/4	35	40	LTAES05G-B	50	15	LTAES05G-E	200	60	---	---	---	No	1.380 to 1.410 (1.395)	35.1 to 35.8 (35.5)	4.5	114
1-1/2	41	50	LTAES06G-B	50	15	LTAES06G-D	150	45	---	---	---	No	1.575 to 1.600 (1.587)	40.0 to 40.6 (40.3)	5.5	140
2	53	63	LTAES07G-B	50	15	LTAES07G-C	100	30	---	---	---	No	No 2.020 to 2.045 (2.032)	51.3 to 51.9 (51.6)	7.0	178
2-1/2	63	70	LTAES08G-A	25	8	---	---	---	---	---	---	No	2.480 to 2.505 (2.492)	63.0 to 63.6 (63.3)	9.5	241
3	78	80	LTAES08G-A	25	8	---	---	---	---	---	---	No	3.070 to 3.100 (3.085)	78.0 to 78.7 (78.4)	11.5	292
4	103	100	LTAES11G-A	25	8	---	---	---	---	---	---	No	4.000 to 4.040 (4.020)	101.6 to 05.6 (102.1)	14.0	356
5	129	---	LTAES12G-A	25	8	---	---	---	---	---	---	No	4.975 to 5.035 (5.005)	126.4 to 127.9 (127.1)	20.0	508
6	155	---	LTAES13G-A	25	8	---	---	---	---	---	---	No	6.015 to 6.075 (6.045)	152.8 to 154.3 (153.5)	22.5	572

### System Ingress Ratings

#### UL 50E "Tested"

Indoor	Type 4, 12, 13
Outdoor	Type 3, 3R, 4
CSA C22.2, No. 94	Type 3, 3R, 4, 12, 13
NEMA 250	Type 3, 3R, 4, 12, 14
IEC 60529	IP66, IP67

### System Temperature Ratings

Gen	Dry: -20 to +80°C (-4 to +176°F)
	Oil: -20 to +70°C (-4 to +158°F)
	Wet: -20 to +60°C (-4 to +140°F)
IEC/CE:	Gen: -15 to +60°C (+5 to +140°F)

For more information see  
Technical Data Sheet TDS000008.  
For download on our website.  
Please see also page 72  
for more information.



# Aluminum - Fittings and accessories

## Series 5200AL

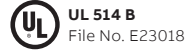


Series 5200AL Liquid tight



Series 5200ALGR Liquidtight Grounding

### Approvals



**Fittings** **Accessories**

**Series 5200AL  
Liquid tight**

**Series 5200ALGR  
Liquid tight Grounding**

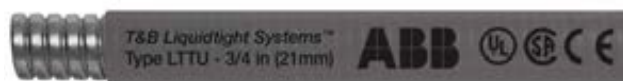


Trade Size			Type		Insulated			Non-Insulated			*Seal Gaskets Part No.	Wire Mesh Grips Part No.	Conduit Support Part No.
UL Inch	CSA mm	ISO/BS EN mm	Std.	Thread	Straight Part No.	45° Part No.	90° Part No.	Straight Part No.	45° Part No.	90° Part No.			
3/8	12	16	NPT	1/2"	5231AL	---	5251AL	5231ALGR	---	5251ALGR	5261	WMG-LT1	P CLIP/16
			ISO	M16	---	---	---	---	---				
			PG	13.5	---	---	---	---	---				
1/2	16	20	NPT	1/2"	5232AL	---	5252AL	5232ALGR	---	5252ALGR	5262	WMG-LT2	P CLIP/20
			ISO	M20	---	---	---	---	---				
			PG	16	---	---	---	---	---				
3/4	21	25	NPT	3/4"	5233AL	---	5253AL	5233ALGR	---	5253ALGR	5263	WMG-LT3	P CLIP/25
			ISO	M25	---	---	---	---	---				
			PG	21	---	---	---	---	---				
1	27	32	NPT	1"	5234AL	---	5254AL	5234ALGR	---	5254ALGR	5264	WMG-LT4	P CLIP/32
			ISO	M32	---	---	---	---	---				
			PG	29	---	---	---	---	---				
1-1/4	35	40	NPT	1-1/4"	5235AL	---	5255AL	5235ALGR	---	5255ALGR	5265	WMG-LT5	P CLIP/40
			ISO	M40	---	---	---	---	---				
			PG	36	---	---	---	---	---				
1-1/2	41	50	NPT	1-1/2"	5236AL	---	5256AL	5236ALGR	---	5256ALGR	5266	WMG-LT6	P CLIP/50
			ISO	M50	---	---	---	---	---				
			PG	42	---	---	---	---	---				
2	53	63	NPT	2"	5237AL	---	5257AL	5237ALGR	---	5257ALGR	5267	WMG-LT7	P CLIP/63
			ISO	M63	---	---	---	---	---				
			PG	48	---	---	---	---	---				
2-1/2	63	70	NPT	2-1/2"	5238AL	---	4) 5238ALGR	---	4) 5238ALGR	5268	WMG-LT8	P CLIP/75	
			ISO	---	---	---	---	---	---				
			PG	---	---	---	---	---	---				
3	78	80	NPT	3"	5239AL	---	4) 5239ALGR	---	4) 5239ALGR	5269	WMG-LT9	---	
			ISO	---	---	---	---	---	---				
			PG	---	---	---	---	---	---				
4	103	100	NPT	4"	5240AL	---	4) 5240ALGR	---	4) 5240ALGR	5270	WMG-LT10	---	
			ISO	---	---	---	---	---	---				
			PG	---	---	---	---	---	---				
5	129	---	NPT	5"	---	---	---	---	---	---	---	---	---
			PG	---	---	---	---	---	---	---	---	---	---
			ISO	---	---	---	---	---	---	---	---	---	---
6	155	---	NPT	6"	---	---	---	---	---	---	---	---	---
			PG	---	---	---	---	---	---	---	---	---	---
			ISO	---	---	---	---	---	---	---	---	---	---

\*Seal gaskets required for Liquid and dust tight installations

## Wide & Extreme Temperature - Liquid-tight flexible metal conduits

Type LTTU - UL Listed



### Type LTGU - Wide & Extreme Temperature

Wide temperature, UL Listed T&B Liquidtight Flexible Metallic Conduits provide excellent performance in a wide ranges low and high temperature

**Materials:** Galvanized Steel Core, Smooth PVC Jacket, with copper bonding wire from 3/8 to 1-1/4"

**Colour:** Gray (Standard), Black (Optional)

### Approvals



UL360  
File No. E125517



IEC EN 61386-1, -23  
DoC: EC-012-16-100



CSA C22.2, No. 56  
File No. 72635



Trade Size			Coil Length									Specifications				
UL	CSA	ISO/ BS EN	Standard Carton			Small Reel			Bulk Reel			UL Bond Wire	ID Range (Nominal)		Min. Inside Bend Radius	
Inch	mm	mm	Part No.	Ft	M	Part No.	Ft	M	Part No.	Ft	M		Inch	mm	Inch	mm
3/8	12	16	LTTUS01G-C	100	30	LTTUS01G-K	500	150	LTTUS01G-L	1,000	300	Yes	0.484 to 0.505 (0.493)	12.3 to 12.8 (12.5)	2.0	51
1/2	16	20	LTTUS02G-C	100	30	LTTUS02G-K	500	150	LTTUS02G-L	1,000	300	Yes	0.622 to 0.642 (0.632)	15.8 to 16.3 (16.0)	3.0	76
3/4	21	25	LTTUS03G-C	100	30	LTTUS03G-K	500	150	LTTUS03G-L	1,000	300	Yes	0.820 to 0.840 (0.830)	20.8 to 21.3 (21.1)	4.2	107
1	27	32	LTTUS04G-C	100	30	LTTUS04G-J	400	120	---	---	---	Yes	1.041 to 1.066 (1.053)	25.4 to 27.1 (26.8)	5.5	140
1-1/4	35	40	LTTUS05G-B	50	15	LTTUS05G-E	200	60	---	---	---	Yes	1.380 to 1.410 (1.395)	35.1 to 35.8 (35.5)	7.0	178
1-1/2	41	50	LTTUS06G-B	50	15	LTTUS06G-D	150	45	---	---	---	No	1.575 to 1.600 (1.587)	40.0 to 40.6 (40.3)	4.5	114
2	53	63	LTTUS07G-B	50	15	LTTUS07G-C	100	30	---	---	---	No	2.020 to 2.045 (2.032)	51.3 to 51.9 (51.6)	6.0	152
2-1/2	63	70	LTTUS08G-A	25	8	---	---	---	---	---	---	No	2.480 to 2.505 (2.492)	63.0 to 63.6 (63.3)	8.0	203
3	78	80	LTTUS09G-A	25	8	---	---	---	---	---	---	No	3.070 to 3.100 (3.085)	78.0 to 78.7 (78.4)	10.0	254
4"	103	100	LTTUS11G-A	25	8	---	---	---	---	---	---	No	4.000 to 4.040 (4.020)	101.6 to 102.6 (102.1)	12.0	305

### System Ingress Ratings

UL 50E "Listed"	
Indoor	Type 4, 12, 13
Outdoor	Type 3, 3R, 4
CSA C22.2, No. 94	Type 3, 3R, 4, 12, 13
NEMA 250	Type 3, 3R, 4, 12, 14
IEC 60529	IP66, IP67

### System Temperature Ratings

UL	Dry: -55 to +105°C (-67 to +221°F)
	Oil: -55 to +70°C (-67 to +158°F)
	Wet: -55 to +60°C (-67 to +140°F)
CSA	Dry: -30 to +75°C (-22 to +167°F)
IEC/CE	Gen: -45 to +105°C (-49 to +221°F)

For more information see  
Technical Data Sheet TDS000004.  
For download on our website.  
Please see also page 72  
for more information.

# Wide & Extreme Temperature - Liquid-tight flexible metal conduits

Type LTTE - CE Certified



## Type LTTE - Wide & Extreme Temperature

Wide temperature, CE compliant T&B Liquidtight Flexible Metallic Conduits provide excellent performance in low and high temperatures

**Materials:** Galvanized Steel Core, Smooth PVC Jacket

**Colour:** Gray (Standard), Black (Optional)

## Approvals

 IEC EN 61386-1, -23  
DoC: EC-012-16-156



Trade Size			Coil Length									Specifications				
UL	CSA	ISO/ BS EN	Standard Carton			Small Reel			Bulk Reel			UL Bond Wire	ID Range (Nominal)		Min. Inside Bend Radius	
Inch	mm	mm	Part No.	Ft	M	Part No.	Ft	M	Part No.	Ft	M		Inch	mm	Inch	mm
3/8	12	16	LTTE01G-C	100	30	LTTE01G-K	500	150	LTTE01G-L	1,000	300	No	0.484 to 0.505 (0.493)	12.3 to 12.8 (12.5)	1.5	38
1/2	16	20	LTTE02G-C	100	30	LTTE02G-K	500	150	LTTE02G-L	1,000	300	No	0.622 to 0.642 (0.632)	15.8 to 16.3 (16.0)	2.0	51
3/4	21	25	LTTE03G-C	100	30	LTTE03G-K	500	150	LTTE03G-L	1,000	300	No	0.820 to 0.840 (0.830)	20.8 to 21.3 (21.1)	2.5	64
1	27	32	LTTE04G-C	100	30	LTTE04G-J	400	120	---	---	---	No	1.041 to 1.066 (1.053)	25.4 to 27.1 (26.8)	3.0	76
1-1/4	35	40	LTTE05G-B	50	15	LTTE05G-E	200	60	---	---	---	No	1.380 to 1.410 (1.395)	35.1 to 35.8 (35.5)	3.5	89
1-1/2	41	50	LTTE06G-B	50	15	LTTE06G-D	150	45	---	---	---	No	1.575 to 1.600 (1.587)	40.0 to 40.6 (40.3)	4.5	114
2	53	63	LTTE07G-B	50	15	LTTE07G-C	100	30	---	---	---	No	2.020 to 2.045 (2.032)	51.3 to 51.9 (51.6)	5.5	140
2-1/2	63	70	LTTE08G-A	25	8	---	---	---	---	---	---	No	2.480 to 2.505 (2.492)	63.0 to 63.6 (63.3)	8.0	203
3	78	80	LTTE09G-A	25	8	---	---	---	---	---	---	No	3.070 to 3.100 (3.085)	78.0 to 78.7 (78.4)	10.0	254
4	103	100	LTTE11G-A	25	8	---	---	---	---	---	---	No	4.000 to 4.040 (4.020)	101.6 to 05.6 (102.1)	12.0	305
5	129	---	LTTE12G-A	25	8	---	---	---	---	---	---	No	4.975 to 5.035 (5.005)	126.4 to 127.9 (127.1)	17.5	445
6	155	---	LTTE13G-A	25	8	---	---	---	---	---	---	No	6.015 to 6.075 (6.045)	152.8 to 154.3 (153.5)	22.5	572

## System Ingress Ratings

UL 50E "Tested"	
Indoor	Type 4, 12, 13
Outdoor	Type 3, 3R, 4
CSA C22.2, No. 94	Type 3, 3R, 4, 12, 13
NEMA 250	Type 3, 3R, 4, 12, 14
IEC 60529	IP66, IP67

## System Temperature Ratings

Gen	Dry: -20 to +80°C (-4 to +176°F)
	Oil: -20 to +70°C (-4 to +158°F)
	Wet: -20 to +60°C (-4 to +140°F)
IEC/CE:	Gen: -55 to +105°C (+67 to +221°F)

For more information see  
Technical Data Sheet TDS000005.  
For download on our website.  
Please see also page 72  
for more information.

## Wide & Extreme Temperature - Liquid-tight flexible metal conduits

Type LTXE - CE certified



### Type LTXE - Wide & Extreme Temperature

Extreme temperature, CE compliant T&B Liquidtight Flexible Metallic Conduits provide excellent performance in extreme low and high temperature environments

**Materials:** Galvanized Steel Core, Smooth PVC Jacket

**Colour:** Black (Standard)

### Approvals



Trade Size			Coil Length									Specifications				
UL	CSA	ISO/BS EN	Standard Carton			Small Reel			Bulk Reel			UL Bond Wire	ID Range (Nominal)		Min. Inside Bend Radius	
Inch	mm	mm	Part No.	Ft	M	Part No.	Ft	M	Part No.	Ft	M		Inch	mm	Inch	mm
3/8	12	16	LTXES01B-C	100	30	LTXES01B-K	500	150	LTXES01B-L	1,000	300	Yes	0.484 to 0.505 (0.493)	12.3 to 12.8 (12.5)	1.5	38
1/2	16	20	LTXES02B-C	100	30	LTXES02B-K	500	150	LTXES02B-L	1,000	300	Yes	0.622 to 0.642 (0.632)	15.8 to 16.3 (16.0)	2.0	51
3/4	21	25	LTXES03B-C	100	30	LTXES03B-K	500	150	LTXES03B-L	1,000	300	Yes	0.820 to 0.840 (0.830)	20.8 to 21.3 (21.1)	2.5	64
1	27	32	LTXES04B-C	100	30	LTXES04B-J	400	120	---	---	---	Yes	1.041 to 1.066 (1.053)	25.4 to 27.1 (26.8)	3.0	76
1-1/4	35	40	LTXES05B-B	50	15	LTXES05B-E	200	60	---	---	---	Yes	1.380 to 1.410 (1.395)	35.1 to 35.8 (35.5)	3.5	89
1-1/2	41	50	LTXES06B-B	50	15	LTXES06B-D	150	45	---	---	---	No	1.575 to 1.600 (1.587)	40.0 to 40.6 (40.3)	4.5	114
2	53	63	LTXES07B-B	50	15	LTXES07B-C	100	30	---	---	---	No	2.020 to 2.045 (2.032)	51.3 to 51.9 (51.6)	5.5	140
2-1/2	63	70	LTXES08B-A	25	8	---	---	---	---	---	---	No	2.480 to 2.505 (2.492)	63.0 to 63.6 (63.3)	8.0	203
3	78	80	LTXES09B-A	25	8	---	---	---	---	---	---	No	3.070 to 3.100 (3.085)	78.0 to 78.7 (78.4)	10.0	254
4"	103	100	LTXES11B-A	25	8	---	---	---	---	---	---	No	4.000 to 4.040 (4.020)	101.6 to 102.6 (102.1)	12.0	305

### System Ingress Ratings

UL 50E "Listed"	
Indoor	Type 4, 12, 13
Outdoor	Type 3, 3R, 4
CSA C22.2, No. 94	Type 3, 3R, 4, 12, 13
NEMA 250	Type 3, 3R, 4, 12, 14
IEC 60529	IP66, IP67

### System Temperature Ratings

UL	Dry: -20 to +80°C (-4 to +176°F)
	Oil: -20 to +70°C (-4 to +158°F)
	Wet: -20 to +60°C (-4 to +140°F)
GEN	Dry: -60 to +150°C (-76 to +302°F)
IEC/CE	Gen: -45 to +150°C (-49 to +302°F)

For more information see Technical Data Sheet TDS000006. For download on our website. Please see also page 72 for more information.

## Wide & Extreme Temperature - Liquid-tight flexible metal conduits

Type LT6XE SST 316L - CE certified



### Type LT6XE SST 316L - Extreme Temperature

Stainless Steel 316L Extreme Temperature, CE compliant  
T&B Liquidtight Flexible Metallic Conduits provide excellent performance in extreme temperature and highly corrosive environments

**Materials:** Stainless steel 316L Core, Smooth PVC Jacket

**Colour:** Black (Standard)

### Approvals



Trade Size			Coil Length									Specifications				
UL	CSA	ISO/ BS EN	Standard Carton			Small Reel			Bulk Reel			UL Bond Wire	ID Range (Nominal)		Min. Inside Bend Radius	
Inch	mm	mm	Part No.	Ft	M	Part No.	Ft	M	Part No.	Ft	M		Inch	mm	Inch	mm
3/8	12	16	LT6XES01B-C	100	30	LT6XES01B-K	500	150	LT6XES01B-L	1,000	300	No	0.484 to 0.505 (0.493)	12.3 to 12.8 (12.5)	1.5	38
1/2	16	20	LT6XES02B-C	100	30	LT6XES02B-K	500	150	LT6XES02B-L	1,000	300	No	0.622 to 0.642 (0.632)	15.8 to 16.3 (16.0)	2.0	51
3/4	21	25	LT6XES03B-C	100	30	LT6XES03B-K	500	150	LT6XES03B-L	1,000	300	No	0.820 to 0.840 (0.830)	20.8 to 21.3 (21.1)	2.5	64
1	27	32	LT6XES04B-C	100	30	LT6XES04B-J	400	120	---	---	---	No	1.041 to 1.066 (1.053)	25.4 to 27.1 (26.8)	3.0	76
1-1/4	35	40	LT6XES05B-B	50	15	LT6XES05B-E	200	60	---	---	---	No	1.380 to 1.410 (1.395)	35.1 to 35.8 (35.5)	3.5	89
1-1/2	41	50	LT6XES06B-B	50	15	LT6XES06B-D	150	45	---	---	---	No	1.575 to 1.600 (1.587)	40.0 to 40.6 (40.3)	4.5	114
2	53	63	LT6XES07B-B	50	15	LT6XES07B-C	100	30	---	---	---	No	No 2.020 to 2.045 (2.032)	51.3 to 51.9 (51.6)	5.5	140
2-1/2	63	70	LT6XES08B-A	25	8	---	---	---	---	---	---	No	2.480 to 2.505 (2.492)	63.0 to 63.6 (63.3)	8.0	203
3	78	80	LT6XES09B-A	25	8	---	---	---	---	---	---	No	3.070 to 3.100 (3.085)	78.0 to 78.7 (78.4)	10.0	254
4	103	100	LT6XES11B-A	25	8	---	---	---	---	---	---	No	4.000 to 4.040 (4.020)	101.6 to 05.6 (102.1)	12.0	305

### System Ingress Ratings

UL 50E "Tested"	
Indoor	Type 4, 12, 13
Outdoor	Type 3, 3R, 4
CSA C22.2, No. 94	Type 3, 3R, 4, 12, 13
NEMA 250	Type 3, 3R, 4, 12, 14
IEC 60529	IP66, IP67

### System Temperature Ratings

Gen	Dry: -60 to +150°C (-76 to +302°F)
	Oil: -20 to +70°C (-4 to +158°F)
	Wet: -20 to +60°C (-4 to +140°F)
IEC/CE:	Gen: -45 to +150°C (-49 to +302°F)

For more information see  
Technical Data Sheet TDS000088.  
For download on our website.  
Please see also page 72  
for more information.



# Wide & Extreme Temperature - Fittings and accessories

## Series 5300-HT/ 5300SST6HT - High Temperature

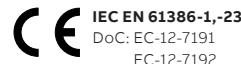


Series 5300-HT Liquid-tight High Temp



Series 5300SST6HT High Temp

### Approvals



**Fittings** **Accessories**

**Series 5300-HT  
"High Temp"**

**Series 5300SST6HT  
SST 316 "High Temp"**

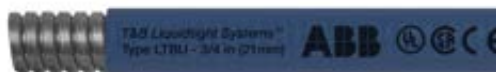


Trade Size		Type		Insulated			Insulated			*Seal Gasket Part No.	Wire Mesh Grips Part No.	Conduit Support Part No.	**Lock Nuts SST Part No.
UL Inch	CSA mm	ISO/BS EN mm	Std. Thread	Straight Part No.	45° Part No.	90° Part No.	Straight Part No.	45° Part No.	90° Part No.				
3/8	12	16	NPT 1/2"	5331-HT	5341-HT	5351-HT	5331SST6HT	5341SST6HT	5351SST6HT	5261-HT	WMG-LT1	P CLIP/16	LNSS038
			ISO M16	---	---	---	9360SST6HT	9340SST6HT	9350SST6HT				LNSSM16
			PG 13.5	---	---	---	---	---	---				---
1/2	16	20	NPT 1/2"	5332-HT	5342-HT	5352-HT	5332SST6HT	5342SST6HT	5352SST6HT	5262-HT	WMG-LT2	P CLIP/20	LNSS050
			ISO M20	---	---	---	9362SST6HT	9342SST6HT	9352SST6HT				LNSSM20
			PG 16	---	---	---	---	---	---				---
3/4	21	25	NPT 3/4"	5333-HT	5343-HT	5353-HT	5333SST6HT	5343SST6HT	5353SST6HT	5263-HT	WMG-LT3	P CLIP/25	LNSS075
			ISO M25	---	---	---	9363SST6HT	9343SST6HT	9353SST6HT				LNSSM25
			PG 21	---	---	---	---	---	---				---
1	27	32	NPT 1"	5334-HT	5344-HT	5354-HT	5334SST6HT	5344SST6HT	5354SST6HT	5264-HT	WMG-LT4	P CLIP/32	LNSS100
			ISO M32	---	---	---	9364SST6HT	9344SST6HT	9354SST6HT				LNSSM32
			PG 29	---	---	---	---	---	---				---
1-1/4	35	40	NPT 1-1/4"	5335-HT	5345-HT	5355-HT	5335SST6HT	5345SST6HT	5355SST6HT	5265-HT	WMG-LT5	P CLIP/40	LNSS125
			ISO M40	---	---	---	9365SST6HT	9345SST6HT	9355SST6HT				LNSSM40
			PG 36	---	---	---	---	---	---				---
1-1/2	41	50	NPT 1-1/2"	5336-HT	5346-HT	5356-HT	5336SST6HT	5346SST6HT	5356SST6HT	5266-HT	WMG-LT6	P CLIP/50	LNSS150
			ISO M50	---	---	---	9366SST6HT	9346SST6HT	9356SST6HT				LNSSM50
			PG 42	---	---	---	---	---	---				---
2	53	63	NPT 2"	5337-HT	5347-HT	5357-HT	5337SST6HT	5347SST6HT	5357SST6HT	5267-HT	WMG-LT7	P CLIP/63	LNSS200
			ISO M63	---	---	---	9367SST6HT	9347SST6HT	9357SST6HT				LNSSM63
			PG 48	---	---	---	---	---	---				---
2-1/2	63	70	NPT 2-1/2"	5338-HT	5348-HT	5358-HT	---	---	---	5268-HT	WMG-LT8	P CLIP/75	---
			ISO ---	---	---	---	---	---	---				---
			PG ---	---	---	---	---	---	---				---
3	78	80	NPT 3"	5339-HT	5349-HT	5359-HT	---	---	---	5269-HT	WMG-LT9	---	---
			ISO ---	---	---	---	---	---	---				---
			PG ---	---	---	---	---	---	---				---
4	103	100	NPT 4"	5340-HT	5350-HT	5360-HT	---	---	---	5270-HT	WMG-LT10	---	---
			ISO ---	---	---	---	---	---	---				---
			PG ---	---	---	---	---	---	---				---
5	129	---	NPT 5"	5385-HT	---	---	---	---	---	---	---	---	---
			PG ---	---	---	---	---	---	---				---
			ISO ---	---	---	---	---	---	---				---
6	155	---	NPT 6"	5386-HT	---	---	---	---	---	---	---	---	---
			PG ---	---	---	---	---	---	---				---
			ISO ---	---	---	---	---	---	---				---

\*Seal gaskets required for Liquid and dust tight installations  
 \*\*Locknuts must be ordered separately for 5300-NB LT Fittings

## Computer Blue & Application Specific - Liquid-tight flexible metal conduits

Type LTBU Computer Blue - UL Listed



### Type LTBU Computer Blue - UL Listed

Typically used in Computer rooms, Data centers and infrastructure where crush and impact resistance performance is required to protect vital power conductors and communication lines

**Materials:** Galvanized Steel Core, Smooth PVC Jacket, with copper bonding wire from 3/8 to 1-1/4"

**Colour:** Blue (Standard), optional colours on request

### Approvals



UL360  
File No. E125517



IEC EN 61386-1, -23  
DoC: EC-012-16-101



CSA C22.2, No. 56  
File No. 72635



Trade Size			Coil Length									Specifications				
UL	CSA	ISO/ BS EN	Standard Carton			Small Reel			Bulk Reel			UL Bond Wire	ID Range (Nominal)		Min. Inside Bend Radius	
Inch	mm	mm	Part No.	Ft	M	Part No.	Ft	M	Part No.	Ft	M		Inch	mm	Inch	mm
3/8	12	16	LTBUS01L-C	100	30	LTBUS01L-K	500	150	LTBUS01L-L	1,000	300	Yes	0.484 to 0.505 (0.493)	12.3 to 12.8 (12.5)	2.0	51
1/2	16	20	LTBUS02L-C	100	30	LTBUS02L-K	500	150	LTBUS02L-L	1,000	300	Yes	0.622 to 0.642 (0.632)	15.8 to 16.3 (16.0)	3.0	76
3/4	21	25	LTBUS03L-C	100	30	LTBUS03L-K	500	150	LTBUS03L-L	1,000	300	Yes	0.820 to 0.840 (0.830)	20.8 to 21.3 (21.1)	4.2	107
1	27	32	LTBUS04L-C	100	30	LTBUS04L-J	400	120	---	---	---	Yes	1.041 to 1.066 (1.053)	25.4 to 27.1 (26.8)	5.5	140
1-1/4	35	40	LTBUS05L-B	50	15	LTBUS05L-E	200	60	---	---	---	Yes	1.380 to 1.410 (1.395)	35.1 to 35.8 (35.5)	7.0	178
1-1/2	41	50	LTBUS06L-B	50	15	LTBUS06L-D	150	45	---	---	---	No	1.575 to 1.600 (1.587)	40.0 to 40.6 (40.3)	4.5	114
2	53	63	LTBUS07L-B	50	15	LTBUS07L-C	100	30	---	---	---	No	2.020 to 2.045 (2.032)	51.3 to 51.9 (51.6)	6.0	152
2-1/2	63	70	LTBUS08L-A	25	8	---	---	---	---	---	---	No	2.480 to 2.505 (2.492)	63.0 to 63.6 (63.3)	8.0	203
3	78	80	LTBUS09L-A	25	8	---	---	---	---	---	---	No	3.070 to 3.100 (3.085)	78.0 to 78.7 (78.4)	10.0	254
4	103	100	LTBUS11L-A	25	8	---	---	---	---	---	---	No	4.000 to 4.040 (4.020)	101.6 to 102.6 (102.1)	12.0	305

### System Ingress Ratings

UL 50E "Listed"	
Indoor	Type 4, 12, 13
Outdoor	Type 3, 3R, 4
CSA C22.2, No. 94	Type 3, 3R, 4, 12, 13
NEMA 250	Type 3, 3R, 4, 12, 14
IEC 60529	IP66, IP67

### System Temperature Ratings

UL	Dry: -30 to +80°C (-22 to +176°F)
	Oil: -30 to +70°C (-22 to +158°F)
	Wet: -30 to +60°C (-22 to +140°F)
CSA	Dry: -30 to +75°C (-22 to +167°F)
IEC/CE	Gen: -25 to +90°C (-13 to +194°F)

For more information see  
Technical Data Sheet TDS000009.  
For download on our website.  
Please see also page 72  
for more information.



## Computer Blue & Application Specific- Liquid-tight flexible metal conduits

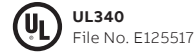
### Type LTBU Application Specific Colours - UL Listed



#### Type LTBU Red - UL Listed

Typically used in fire control, security and emergency circuits

#### Approvals



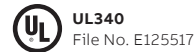
Trade Size			Coil Length					Specifications			
UL	CSA	ISO/ BS EN	Standard Carton			UL Bond Wire	ID Range (Nominal)		Min. Inside Bend Radius		
Inch	mm	mm	Part No.	Ft	M		Inch	mm	Inch	mm	
3/8	12	16	LTBUS01R-C	100	30	Yes	0.484 to 0.505 (0.493)		12.3 to 12.8 (12.5)		
1/2	16	20	LTBUS02R-C	100	30	Yes	0.622 to 0.642 (0.632)		15.8 to 16.3 (16.0)		
3/4	21	25	LTBUS03R-C	100	30	Yes	0.820 to 0.840 (0.830)		20.8 to 21.3 (21.1)		
1	27	32	LTBUS04R-C	100	30	Yes	1.041 to 1.066 (1.053)		25.4 to 27.1 (26.8)		
1-1/4	35	40	LTBUS05R-B	50	15	Yes	1.380 to 1.410 (1.395)		35.1 to 35.8 (35.5)		
1-1/2	41	50	LTBUS06R-B	50	15	No	1.575 to 1.600 (1.587)		40.0 to 40.6 (40.3)		
2	53	63	LTBUS07R-B	50	15	No	2.020 to 2.045 (2.032)		51.3 to 51.9 (51.6)		
2-1/2	63	70	LTBUS08R-A	25	8	No	2.480 to 2.505 (2.492)		63.0 to 63.6 (63.3)		
3	78	80	LTBUS09R-A	25	8	No	3.070 to 3.100 (3.085)		78.0 to 78.7 (78.4)		
4	103	100	LTBUS11R-A	25	8	No	4.000 to 4.040 (4.020)		101.6 to 102.6 (102.1)		



#### Type LTBU Yellow - UL Listed

Typically used in high voltage circuit, special equipment and caution areas

#### Approvals



Trade Size			Coil Length					Specifications			
UL	CSA	ISO/ BS EN	Standard Carton			UL Bond Wire	ID Range (Nominal)		Min. Inside Bend Radius		
Inch	mm	mm	Part No.	Ft	M		Inch	mm	Inch	mm	
3/8	12	16	LTBUS01Y-C	100	30	Yes	0.484 to 0.505 (0.493)		12.3 to 12.8 (12.5)		
1/2	16	20	LTBUS02Y-C	100	30	Yes	0.622 to 0.642 (0.632)		15.8 to 16.3 (16.0)		
3/4	21	25	LTBUS03Y-C	100	30	Yes	0.820 to 0.840 (0.830)		20.8 to 21.3 (21.1)		
1	27	32	LTBUS04Y-C	100	30	Yes	1.041 to 1.066 (1.053)		25.4 to 27.1 (26.8)		
1-1/4	35	40	LTBUS05Y-B	50	15	Yes	1.380 to 1.410 (1.395)		35.1 to 35.8 (35.5)		
1-1/2	41	50	LTBUS06Y-B	50	15	No	1.575 to 1.600 (1.587)		40.0 to 40.6 (40.3)		
2	53	63	LTBUS07Y-B	50	15	No	2.020 to 2.045 (2.032)		51.3 to 51.9 (51.6)		
2-1/2	63	70	LTBUS08Y-A	25	8	No	2.480 to 2.505 (2.492)		63.0 to 63.6 (63.3)		
3	78	80	LTBUS09Y-A	25	8	No	3.070 to 3.100 (3.085)		78.0 to 78.7 (78.4)		
4	103	100	LTBUS11Y-A	25	8	No	4.000 to 4.040 (4.020)		101.6 to 102.6 (102.1)		

#### System Ingress Ratings

UL 50E Listed	
Indoor	Type 4, 12, 13
Outdoor	Type 3, 3R, 4
CSA C22.2, No. 94	Type 3, 3R, 4, 12, 13
NEMA 250	Type 3, 3R, 4, 12, 14
IEC 60529	IP66, IP67

#### System Temperature Ratings

UL	Dry: -30 to +80°C (-22 to +176°F)
	Oil: -30 to +70°C (-22 to +158°F)
	Wet: -30 to +60°C (-22 to +140°F)
CSA	Dry: -30 to +75°C (-22 to +167°F)
IEC/CE	Gen: -25 to +90°C (-13 to +194°F)

For more information see  
Technical Data Sheet TDS000009.  
For download on our website.  
Please see also page 72  
for more information.

## Computer Blue & Application Specific- Liquid-tight flexible metal conduits

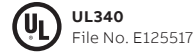
Type LTBU Application Specific Colours - UL Listed



### Type LTBU Green - UL Listed

Typically used in critical care infrastructure in Hospitals and Health Care facilities, critical circuits

#### Approvals



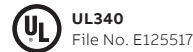
Trade Size			Coil Length				Specifications			
UL	CSA	ISO/ BS EN	Standard Carton			UL Bond Wire	ID Range (Nominal)		Min. Inside Bend Radius	
Inch	mm	mm	Part No.	Ft	M		Inch	mm	Inch	mm
3/8	12	16	LTBUS01N-C	100	30	Yes	0.484 to 0.505 (0.493)	12.3 to 12.8 (12.5)	2.0	51
1/2	16	20	LTBUS02N-C	100	30	Yes	0.622 to 0.642 (0.632)	15.8 to 16.3 (16.0)	3.0	76
3/4	21	25	LTBUS03N-C	100	30	Yes	0.820 to 0.840 (0.830)	20.8 to 21.3 (21.1)	4.2	107
1	27	32	LTBUS04N-C	100	30	Yes	1.041 to 1.066 (1.053)	25.4 to 27.1 (26.8)	5.5	140
1-1/4	35	40	LTBUS05N-B	50	15	Yes	1.380 to 1.410 (1.395)	35.1 to 35.8 (35.5)	7.0	178
1-1/2	41	50	LTBUS06N-B	50	15	No	1.575 to 1.600 (1.587)	40.0 to 40.6 (40.3)	4.5	114
2	53	63	LTBUS07N-B	50	15	No	2.020 to 2.045 (2.032)	51.3 to 51.9 (51.6)	6.0	152
2-1/2	63	70	LTBUS08N-A	25	8	No	2.480 to 2.505 (2.492)	63.0 to 63.6 (63.3)	8.0	203
3	78	80	LTBUS09N-A	25	8	No	3.070 to 3.100 (3.085)	78.0 to 78.7 (78.4)	10.0	254
4	103	100	LTBUS11N-A	25	8	No	4.000 to 4.040 (4.020)	101.6 to 102.6 (102.1)	12.0	305



### Type LTBU Orange - UL Listed

Typically used on construction equipment, fiber optic circuits

#### Approvals



Trade Size			Coil Length				Specifications			
UL	CSA	ISO/ BS EN	Standard Carton			UL Bond Wire	ID Range (Nominal)		Min. Inside Bend Radius	
Inch	mm	mm	Part No.	Ft	M		Inch	mm	Inch	mm
3/8	12	16	LTBUS01E-C	100	30	Yes	0.484 to 0.505 (0.493)	12.3 to 12.8 (12.5)	2.0	51
1/2	16	20	LTBUS02E-C	100	30	Yes	0.622 to 0.642 (0.632)	15.8 to 16.3 (16.0)	3.0	76
3/4	21	25	LTBUS03E-C	100	30	Yes	0.820 to 0.840 (0.830)	20.8 to 21.3 (21.1)	4.2	107
1	27	32	LTBUS04E-C	100	30	Yes	1.041 to 1.066 (1.053)	25.4 to 27.1 (26.8)	5.5	140
1-1/4	35	40	LTBUS05E-B	50	15	Yes	1.380 to 1.410 (1.395)	35.1 to 35.8 (35.5)	7.0	178
1-1/2	41	50	LTBUS06E-B	50	15	No	1.575 to 1.600 (1.587)	40.0 to 40.6 (40.3)	4.5	114
2	53	63	LTBUS07E-B	50	15	No	2.020 to 2.045 (2.032)	51.3 to 51.9 (51.6)	6.0	152
2-1/2	63	70	LTBUS08E-A	25	8	No	2.480 to 2.505 (2.492)	63.0 to 63.6 (63.3)	8.0	203
3	78	80	LTBUS09E-A	25	8	No	3.070 to 3.100 (3.085)	78.0 to 78.7 (78.4)	10.0	254
4	103	100	LTBUS11E-A	25	8	No	4.000 to 4.040 (4.020)	101.6 to 102.6 (102.1)	12.0	305

#### System Ingress Ratings

UL 50E Listed	
Indoor	Type 4, 12, 13
Outdoor	Type 3, 3R, 4
CSA C22.2, No. 94	Type 3, 3R, 4, 12, 13
NEMA 250	Type 3, 3R, 4, 12, 14
IEC 60529	IP66, IP67

#### System Temperature Ratings

UL	Dry: -30 to +80°C (-22 to +176°F)
	Oil: -30 to +70°C (-22 to +158°F)
	Wet: -30 to +60°C (-22 to +140°F)
CSA	Dry: -30 to +75°C (-22 to +167°F)
IEC/CE	Gen: -25 to +90°C (-13 to +194°F)

For more information see  
Technical Data Sheet TDS000009.  
For download on our website.  
Please see also page 72  
for more information.

# Computer Blue & Application Specific - Fittings and accessories

Series 5300 Steel and nickel plated brass

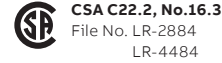
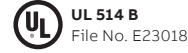


Series 5300 Steel Liquid-tight



Series 5300-NB Nickel Plated Brass Liquid-tight

### Approvals



### Fittings

### Accessories

#### Series 5300 Steel Liquid-tight

#### Series 5300-NB Nickel Plated Brass Liquid-tight



Trade Size		ISO/BS EN		Type		Insulated			Insulated			*Sealing Gasket Part No.	Wire Mesh Grips Part No.	Conduit Support Part No.	Lock Nuts ** NPB Part No.	
UL Inch	CSA mm	BS mm	EN mm	Std.	Thread	Straight Part No.	45° Part No.	90° Part No.	Straight Part No.	45° Part No.	90° Part No.					
3/8	12	16	NPT	1/2"	NPT	5331	5341	5351	5331-NB	5341-NB	5351-NB	5261	WMG-LT1	P CLIP/16	LNB038	
					ISO	9360	9340	9350	9330-NB	9340-NB	9350-NB					LNB038
					PG	7362	7342	7352	---	---	---					LNB038
1/2	16	20	NPT	1/2"	NPT	5332	5342	5352	5332-NB	5342-NB	5352-NB	5262	WMG-LT2	P CLIP/20	LNB050	
					ISO	9362	9342	9352TB	9332-NB	9342-NB	9352-NB					LNB050
					PG	7363	7343	7353	---	---	---					LNB050
3/4	21	25	NPT	3/4"	NPT	5333	5343	5353	5333-NB	5343-NB	5353-NB	5263	WMG-LT3	P CLIP/25	LNB075	
					ISO	9363	9343TB	9353TB	9333-NB	9343-NB	9353-NB					LNB075
					PG	7364	7344-TB	7354	---	---	---					LNB075
1	27	32	NPT	1"	NPT	5334	5344	5354	5334-NB	5344-NB	5354-NB	5264	WMG-LT4	P CLIP/32	LNB100	
					ISO	9364	9344	9354TB	9334-NB	9344-NB	9354-NB					LNB100
					PG	7365	7345	7355	---	---	---					LNB100
1-1/4	35	40	NPT	1-1/4"	NPT	5335	5345	5355	5335-NB	5345-NB	5355-NB	5265	WMG-LT5	P CLIP/40	LNB125	
					ISO	9365	9345	9355	9335-NB	9345-NB	9355-NB					LNB125
					PG	7366	7346	7356	---	---	---					LNB125
1-1/2	41	50	NPT	1-1/2"	NPT	5336	5346	5356	5336-NB	5346-NB	5356-NB	5266	WMG-LT6	P CLIP/50	LNB150	
					ISO	9366	9346	9356	9336-NB	9346-NB	9356-NB					LNB150
					PG	7367	7347	7357	---	---	---					LNB150
2	53	63	NPT	2"	NPT	5337	5347	5357	5337-NB	5347-NB	5357-NB	5267	WMG-LT7	P CLIP/63	LNB200	
					ISO	9367	9347	9357	9337-NB	9347-NB	9357-NB					LNB200
					PG	7368	7348-TB	7358	---	---	---					LNB200
2-1/2	63	70	NPT	2-1/2"	NPT	5338	5348	5358	---	---	---	5268	WMG-LT8	P CLIP/75	---	
					ISO	---	---	---	---	---	---					---
					PG	---	---	---	---	---	---					---
3	78	80	NPT	3"	NPT	5339	5349	5359	---	---	---	5269	WMG-LT9	---	---	
					ISO	---	---	---	---	---	---					---
					PG	---	---	---	---	---	---					---
4	103	100	NPT	4"	NPT	5340	5350	5360	---	---	---	5270	WMG-LT10	---	---	
					ISO	---	---	---	---	---	---					---
					PG	---	---	---	---	---	---					---

\*Seal gaskets required for liquid and dust tight installations  
 \*\*Locknuts must be ordered separately for 5300-NB LT Fittings

# Halogen Free - Liquid-tight flexible metal conduits

Type LTZU - UL listed



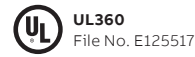
## Type LTZU - Halogen Free

Halogen Free T&B Liquidtight Flexible Metal Conduits are designed for application where safety concerns exist regarding A Materials reaction in a fire situation

**Materials:** Galvanized Steel Core, Smooth TPU Jacket, with copper bonding wire from 3/8 to 1-1/4"

**Colour:** Black (Standard)

## Approvals



Trade Size			Coil Length									Specifications				
UL	CSA	ISO/BS EN	Standard Carton			Small Reel			Bulk Reel			UL Bond Wire	ID Range (Nominal)		Min. Inside Bend Radius	
Inch	mm	mm	Part No.	Ft	M	Part No.	Ft	M	Part No.	Ft	M		Inch	mm	Inch	mm
3/8	12	16	LTZUS01B-C	100	30	LTZUS01B-K	500	150	LTZUS01B-L	1,000	300	Yes	0.484 to 0.505 (0.493)	12.3 to 12.8 (12.5)	2.0	51
1/2	16	20	LTZUS02B-C	100	30	LTZUS02B-K	500	150	LTZUS02B-L	1,000	300	Yes	0.622 to 0.642 (0.632)	15.8 to 16.3 (16.0)	3.0	76
3/4	21	25	LTZUS03B-C	100	30	LTZUS03B-K	500	150	LTZUS03B-L	1,000	300	Yes	0.820 to 0.840 (0.830)	20.8 to 21.3 (21.1)	4.2	107
1	27	32	LTZUS04B-C	100	30	LTZUS04B-J	400	120	---	---	---	Yes	1.041 to 1.066 (1.053)	25.4 to 27.1 (26.8)	5.5	140
1-1/4	35	40	LTZUS05B-B	50	15	LTZUS05B-E	200	60	---	---	---	Yes	1.380 to 1.410 (1.395)	35.1 to 35.8 (35.5)	7.0	178
1-1/2	41	50	LTZUS06B-B	50	15	LTZUS06B-D	150	45	---	---	---	No	1.575 to 1.600 (1.587)	40.0 to 40.6 (40.3)	4.5	114
2	53	63	LTZUS07B-B	50	15	LTZUS07B-C	100	30	---	---	---	No	2.020 to 2.045 (2.032)	51.3 to 51.9 (51.6)	6.0	152
2-1/2	63	70	LTZUS08B-A	25	8	LTZUS08B-G	275	80	---	---	---	No	2.480 to 2.505 (2.492)	63.0 to 63.6 (63.3)	8.0	203
3	78	80	LTZUS09B-A	25	8	LTZUS09B-P	175	50	---	---	---	No	3.070 to 3.100 (3.085)	78.0 to 78.7 (78.4)	10.0	254
4	103	100	LTZUS11B-A	25	8	LTZUS11B-C	100	30	---	---	---	No	4.000 to 4.040 (4.020)	101.6 to 102.6 (102.1)	12.0	305

## System Ingress Ratings

UL 50E "Listed"	
Indoor	Type 4, 12, 13
Outdoor	Type 3, 3R, 4
CSA C22.2, No. 94	Type 3, 3R, 4, 12, 13
NEMA 250	Type 3, 3R, 4, 12, 14
IEC 60529	IP66, IP67

## System Temperature Ratings

UL	Dry: -40 to +80°C (-40 to +176°F)
	Oil: -40 to +70°C (-40 to +158°F)
	Wet: -40 to +60°C (-40 to +140°F)
CSA	Dry: -30 to +60°C (-40 to +140°F)
	Oil: -40 to +60°C (-40 to +140°F)
	Wet: -40 to +60°C (-40 to +140°F)
IEC/CE	Gen: -45 to +90°C (-49 to +194°F)

For more information see Technical Data Sheet TDS000010. For download on our website. Please see also page 72 for more information.

# Halogen Free - Liquid-tight flexible metal conduits

## Type LTZE - CE certified



### Type LTZE - Halogen Free

Halogen Free T&B Liquidtight Flexible Metal Conduits are designed for application where safety concerns exist regarding A Materials reaction in a fire situation

**Materials:** Galvanized Steel Core, Smooth TPU Jacket

**Colour:** Black (Standard)

### Approvals



Trade Size			Coil Length										Specifications			
UL	CSA	ISO/ BS EN	Standard Carton			Small Reel			Bulk Reel				ID Range (Nominal)		Min. Inside Bend Radius	
Inch	mm	mm	Part No.	Ft	M	Part No.	Ft	M	Part No.	Ft	M	UL Bond Wire	Inch	mm	Inch	mm
3/8	12	16	LTZES01B-C	100	30	LTZES01B-K	500	150	LTZES01B-L	1,000	300	No	0.484 to 0.505 (0.493)	12.3 to 12.8 (12.5)	1.5	38
1/2	16	20	LTZES02B-C	100	30	LTZES02B-K	500	150	LTZES02B-L	1,000	300	No	0.622 to 0.642 (0.632)	15.8 to 16.3 (16.0)	2.0	51
3/4	21	25	LTZES03B-C	100	30	LTZES03B-K	500	150	LTZES03B-L	1,000	300	No	0.820 to 0.840 (0.830)	20.8 to 21.3 (21.1)	2.5	64
1	27	32	LTZES04B-C	100	30	LTZES04B-J	400	120	---	---	---	No	1.041 to 1.066 (1.053)	25.4 to 27.1 (26.8)	3.0	76
1-1/4	35	40	LTZES05B-B	50	15	LTZES05B-E	200	60	---	---	---	No	1.380 to 1.410 (1.395)	35.1 to 35.8 (35.5)	3.5	89
1-1/2	41	50	LTZES06B-B	50	15	LTZES06B-D	150	45	---	---	---	No	1.575 to 1.600 (1.587)	40.0 to 40.6 (40.3)	4.5	114
2	53	63	LTZES07B-B	50	15	LTZES07B-C	100	30	---	---	---	No	2.020 to 2.045 (2.032)	51.3 to 51.9 (51.6)	5.5	140
2-1/2	63	70	LTZES08B-A	25	8	LTZES08B-G	275	80	---	---	---	No	2.480 to 2.505 (2.492)	63.0 to 63.6 (63.3)	8.0	203
3	78	80	LTZES09B-A	25	8	LTZES09B-P	175	50	---	---	---	No	3.070 to 3.100 (3.085)	78.0 to 78.7 (78.4)	10.0	254
4	103	100	LTZES11B-A	25	8	LTZES11B-C	100	30	---	---	---	No	4.000 to 4.040 (4.020)	101.6 to 102.6 102.1	12.0	305
5	129	---	LTZES12B-A	25	8	---	---	---	---	---	---	No	3.070 to 3.100 (3.085)	78.0 to 78.7 (78.4)	17.5	445
6	155	---	LTZES13B-A	25	8	---	---	---	---	---	---	No	4.000 to 4.040 (4.020)	101.6 to 102.6 (102.1)	22.5	572

### System Ingress Ratings

UL 50E "Tested"	
Indoor	Type 4, 12, 13
Outdoor	Type 3, 3R, 4
CSA C22.2, No. 94	Type 3, 3R, 4, 12, 13
NEMA 250	Type 3, 3R, 4, 12, 14
IEC 60529	IP66, IP67

### System Temperature Ratings

Gen	Dry: -40 to +80°C (-40 to +176°F)
	Oil: -40 to +70°C (-40 to +158°F)
	Wet: -40 to +60°C (-40 to +140°F)
IEC/CE:	Gen: -45 to +90°C (+49 to +194°F)

For more information see Technical Data Sheet TDS000011. For download on our website. Please see also page 72 for more information.

## Halogen Free - Liquid-tight flexible metal conduits

Type LTLE Aluminum - CE certified



### Type LTLE Aluminum - CE Certified

Aluminum Halogen Free, CE Certified, T&B Liquidtight Flexible Metallic Conduits are designed for applications with light weight requirements where safety concerns exist rearing a materials reaction in a fire situation

**Materials:** Aluminum Core, Smooth TPU Jacket

**Colour:** Gray (Standard), Black (Optional)

### Approvals



Trade Size			Coil Length										Specifications			
UL	CSA	ISO/ BS EN	Standard Carton			Small Reel			Bulk Reel				ID Range (Nominal)		Min. Inside Bend Radius	
Inch	mm	mm	Part No.	Ft	M	Part No.	Ft	M	Part No.	Ft	M	UL Bond Wire	Inch	mm	Inch	mm
3/8	12	16	LTLES01G-C	100	30	LTLES01G-K	500	150	LTLES01G-L	1,000	300	No	0.484 to 0.505 (0.493)	12.3 to 12.8 (12.5)	1.5	38
1/2	16	20	LTLES02G-C	100	30	LTLES02G-K	500	150	LTLES02G-L	1,000	300	No	0.622 to 0.642 (0.632)	15.8 to 16.3 (16.0)	2.0	51
3/4	21	25	LTLES03G-C	100	30	LTLES03G-K	500	150	LTLES03G-L	1,000	300	No	0.820 to 0.840 (0.830)	20.8 to 21.3 (21.1)	2.5	64
1	27	32	LTLES04G-C	100	30	LTLES04G-J	400	120	---	---	---	No	1.041 to 1.066 (1.053)	25.4 to 27.1 (26.8)	3.0	76
1-1/4	35	40	LTLES05G-B	50	15	LTLES05G-E	200	60	---	---	---	No	1.380 to 1.410 (1.395)	35.1 to 35.8 (35.5)	3.5	89
1-1/2	41	50	LTLES06G-B	50	15	LTLES06G-D	150	45	---	---	---	No	1.575 to 1.600 (1.587)	40.0 to 40.6 (40.3)	4.5	114
2	53	63	LTLES07G-B	50	15	LTLES07G-C	100	30	---	---	---	No	2.020 to 2.045 (2.032)	51.3 to 51.9 (51.6)	5.5	140
2-1/2	63	70	LTLES08G-A	25	8	LTLES08G-G	275	80	---	---	---	No	2.480 to 2.505 (2.492)	63.0 to 63.6 (63.3)	8.0	203
3	78	80	LTLES09G-A	25	8	LTLES09G-P	175	50	---	---	---	No	3.070 to 3.100 (3.085)	78.0 to 78.7 (78.4)	10.0	254
4	103	100	LTLES11G-A	25	8	LTLES11B-C	100	30	---	---	---	No	4.000 to 4.040 (4.020)	101.6 to 102.6 (102.1)	12.0	305

### System Ingress Ratings

UL 50E "Tested"	
Indoor	Type 4, 12, 13
Outdoor	Type 3, 3R, 4
CSA C22.2, No. 94	Type 3, 3R, 4, 12, 13
NEMA 250	Type 3, 3R, 4, 12, 14
IEC 60529	IP66, IP67

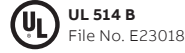
### System Temperature Ratings

Gen	Dry: -40 to +80°C (-40 to +176°F)
	Oil: -40 to +70°C (-40 to +158°F)
	Wet: -40 to +60°C (-40 to +140°F)
IEC/CE:	Gen: -45 to +90°C (+49 to +194°F)

For more information see  
Technical Data Sheet TDS000012.  
For download on our website.  
Please see also page 72  
for more information.

# Halogen Free - Fittings and accessories

## Series 5200AL Aluminum



Series 5200AL

Fittings											Accessories		
Series 5300 Aluminum Liquid-tight											Series 5200AL GR Aluminum Liquid-tight		
Trade Size		Type			Insulated			Non-Insulated			Sealing Gasket Part No.	Wire Mesh Grips Part No.	Conduit Support Part No.
UL Inch	CSA mm	ISO/BS EN mm	Std.	Thread	Straight Part No.	45° Part No.	90° Part No.	Straight Part No.	45° Part No.	90° Part No.			
3/8	12	16	NPT	1/2"	5231AL	---	5251AL	5231ALGR	---	5251ALGR	5261	WMG-LT1	P CLIP/16
			ISO	M16	---	---	---	---	---				
			PG	13.5	---	---	---	---	---				
1/2	16	20	NPT	1/2"	5232AL	---	5252AL	5232ALGR	---	5252ALGR	5262	WMG-LT2	P CLIP/20
			ISO	M20	---	---	---	---	---				
			PG	16	---	---	---	---	---				
3/4	21	25	NPT	3/4"	5233AL	---	5253AL	5233ALGR	---	5253ALGR	5263	WMG-LT3	P CLIP/25
			ISO	M25	---	---	---	---	---				
			PG	21	---	---	---	---	---				
1	27	32	NPT	1"	5234AL	---	5254AL	5234ALGR	---	5254ALGR	5264	WMG-LT4	P CLIP/32
			ISO	M32	---	---	---	---	---				
			PG	29	---	---	---	---	---				
1-1/4	35	40	NPT	1-1/4"	5235AL	---	5255AL	5235ALGR	---	5255ALGR	5265	WMG-LT5	P CLIP/40
			ISO	M40	---	---	---	---	---				
			PG	36	---	---	---	---	---				
1-1/2	41	50	NPT	1-1/2"	5236AL	---	5256AL	5236ALGR	---	5256ALGR	5266	WMG-LT6	P CLIP/50
			ISO	M50	---	---	---	---	---				
			PG	42	---	---	---	---	---				
2	53	63	NPT	2"	5237AL	---	5257AL	5237ALGR	---	5257ALGR	5267	WMG-LT7	P CLIP/63
			ISO	M63	---	---	---	---	---				
			PG	48	---	---	---	---	---				
2-1/2	63	70	NPT	2-1/2"	5238AL	---		5238ALGR	---		5268	WMG-LT8	P CLIP/75
			ISO	---	---	---	---	---	---				
			PG	---	---	---	---	---	---				
3	78	80	NPT	3"	5239AL	---		5239ALGR	---		5269	WMG-LT9	---
			ISO	---	---	---	---	---	---				
			PG	---	---	---	---	---	---				
4	103	100	NPT	4"	5240AL	---		5240ALGR	---		5270	WMG-LT10	---
			ISO	---	---	---	---	---	---				
			PG	---	---	---	---	---	---				

\*Seal gaskets required for Liquid and dust tight installations

## EMI/RFI - Liquid-tight flexible metal conduits

Type LTEU Standard performance - UL listed



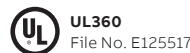
### Type LTEU EMI/RFI - Standard performance

Type LTEU EMI/RFI Protective T&B Liquidtight Flexible Metallic Conduit is UL Listed, and provides a tinned copper braid shield

**Materials:** Galvanized Steel Core, Smooth PVC Jacket, with copper bonding wire from 3/8 to 1-1/4"

**Colour:** Black (Standard)

### Approvals



Trade Size			Coil Length										Specifications			
UL	CSA	ISO/ BS EN	Standard Carton			Small Reel			Bulk Reel				ID Range (Nominal)		Min. Inside Bend Radius	
Inch	mm	mm	Part No.	Ft	M	Part No.	Ft	M	Part No.	Ft	M	UL Bond Wire	Inch	mm	Inch	mm
3/8	12	16	LTEUS01B-C	100	30	LTEUS01B-K	500	150	LTEUS01B-L	1,000	300	Yes	0.484 to 0.505 (0.493)	12.3 to 12.8 (12.5)	2.0	51
1/2	16	20	LTEUS02B-C	100	30	LTEUS02B-K	500	150	LTEUS02B-L	1,000	300	Yes	0.622 to 0.642 (0.632)	15.8 to 16.3 (16.0)	3.0	76
3/4	21	25	LTEUS03B-C	100	30	LTEUS03B-K	500	150	LTEUS03B-L	1,000	300	Yes	0.820 to 0.840 (0.830)	20.8 to 21.3 (21.1)	4.2	107
1	27	32	LTEUS04B-C	100	30	LTEUS04B-J	400	120	---	---	---	Yes	1.041 to 1.066 (1.053)	25.4 to 27.1 (26.8)	5.5	140
1-1/4	35	40	LTEUS05B-B	50	15	LTEUS05B-E	200	60	---	---	---	Yes	1.380 to 1.410 (1.395)	35.1 to 35.8 (35.5)	7.0	178
1-1/2	41	50	LTEUS06B-B	50	15	LTEUS06B-D	150	45	---	---	---	No	1.575 to 1.600 (1.587)	40.0 to 40.6 (40.3)	4.5	114
2	53	63	LTEUS07B-B	50	15	LTEUS07B-C	100	30	---	---	---	No	2.020 to 2.045 (2.032)	51.3 to 51.9 (51.6)	6.0	152

### System Ingress Ratings

UL 50E "Listed"	
Indoor	Type 4, 12, 13
Outdoor	Type 3, 3R, 4
CSA C22.2, No. 94	Type 3, 3R, 4, 12, 13
NEMA 250	Type 3, 3R, 4, 12, 14
IEC 60529	IP66, IP67

### System Temperature Ratings

UL	Dry: -30 to +80°C (-22 to +176°F)
	Oil: -30 to +70°C (-22 to +158°F)
	Wet: -30 to +60°C (-22 to +140°F)
IEC/CE	Gen: -25 to +90°C (-13 to +194°F)



## EMI/RFI - Liquid-tight flexible metal conduits

Type LTME Mid performance - CE certified



### Type LTME EMI/RFI - Mid performance

Type LTME EMI/RFI Protective T&B Liquidtight Flexible Metallic Conduit is CE certified, supplied with bronze core

**Materials:** Bronze Core, Smooth PVC Jacket

**Colour:** Black (Standard)

### Approvals



Trade Size			Coil Length										Specifications			
UL	CSA	ISO/ BS EN	Standard Carton			Small Reel			Bulk Reel				ID Range (Nominal)		Min. Inside Bend Radius	
Inch	mm	mm	Part No.	Ft	M	Part No.	Ft	M	Part No.	Ft	M	UL Bond Wire	Inch	mm	Inch	mm
3/8	12	16	LTMES01B-C	100	30	LTMES01B-K	500	150	LTMES01B-L	1,000	300	No	0.484 to 0.505 (0.493)	12.3 to 12.8 (12.5)	1.5	38
1/2	16	20	LTMES02B-C	100	30	LTMES02B-K	500	150	LTMES02B-L	1,000	300	No	0.622 to 0.642 (0.632)	15.8 to 16.3 (16.0)	2.0	51
3/4	21	25	LTMES03B-C	100	30	LTMES03B-K	500	150	LTMES03B-L	1,000	300	No	0.820 to 0.840 (0.830)	20.8 to 21.3 (21.1)	2.5	64
1	27	32	LTMES04B-C	100	30	LTMES04B-J	400	120	---	---	---	No	1.041 to 1.066 (1.053)	25.4 to 27.1 (26.8)	3.0	76
1-1/4	35	40	LTMES05B-B	50	15	LTMES05B-E	200	60	---	---	---	No	1.380 to 1.410 (1.395)	35.1 to 35.8 (35.5)	3.5	89
1-1/2	41	50	LTMES06B-B	50	15	LTMES06B-D	150	45	---	---	---	No	1.575 to 1.600 (1.587)	40.0 to 40.6 (40.3)	4.5	114
2	53	63	LTMES07B-B	50	15	LTMES07B-C	100	30	---	---	---	No	2.020 to 2.045 (2.032)	51.3 to 51.9 (51.6)	5.5	140
2-1/2	63	70	LTMES08B-A	25	8	---	---	---	---	---	---	No	2.480 to 2.505 (2.492)	63.0 to 63.6 (63.3)	8.0	203
3	78	80	LTMES09B-A	25	8	---	---	---	---	---	---	No	3.070 to 3.100 (3.085)	78.0 to 78.7 (78.4)	10.0	254
4	103	100	LTMES11B-A	25	8	---	---	---	---	---	---	No	4.000 to 4.040 (4.020)	101.6 to 102.6 102.1	12.0	305

### System Ingress Ratings

UL 50E "Tested"	
Indoor	Type 4, 12, 13
Outdoor	Type 3, 3R, 4
CSA C22.2, No. 94	Type 3, 3R, 4, 12, 13
NEMA 250	Type 3, 3R, 4, 12, 14
IEC 60529	IP66, IP67

### System Temperature Ratings

Gen	Dry: -20 to +80°C (-4 to +176°F)
	Oil: -20 to +70°C (-4 to +158°F)
	Wet: -20 to +60°C (-4 to +140°F)
IEC/CE:	Gen: -15 to +60°C (+5 to +140°F)

## EMI/RFI - Liquid-tight flexible metal conduits

Type LTCE High performance - CE certified



### Type LTCE EMI/RFI - High performance

Type LTCE EMI/RFI Protective T&B Liquidtight Flexible Metallic Conduit is CE certified, and provides a tinned copper braid over a bronze core

**Materials:** Bronze Core, Smooth PVC Jacket

**Colour:** Black (Standard)

### Approvals



Trade Size			Coil Length										Specifications			
UL	CSA	ISO/ BS EN	Standard Carton			Small Reel			Bulk Reel				ID Range (Nominal)		Min. Inside Bend Radius	
Inch	mm	mm	Part No.	Ft	M	Part No.	Ft	M	Part No.	Ft	M	UL Bond Wire	Inch	mm	Inch	mm
3/8	12	16	LTCES01B-C	100	30	LTCES01B-K	500	150	---	---	---	No	0.484 to 0.505 (0.493)	12.3 to 12.8 (12.5)	1.5	38
1/2	16	20	LTCES02B-C	100	30	LTCES02B-K	500	150	---	---	---	No	0.622 to 0.642 (0.632)	15.8 to 16.3 (16.0)	2.0	51
3/4	21	25	LTCES03B-C	100	30	LTCES03B-K	500	150	---	---	---	No	0.820 to 0.840 (0.830)	20.8 to 21.3 (21.1)	2.5	64
1	27	32	LTCES04B-C	100	30	LTCES04B-J	400	120	---	---	---	No	1.041 to 1.066 (1.053)	25.4 to 27.1 (26.8)	3.0	76
1-1/4	35	40	LTCES05B-B	50	15	LTCES05B-E	200	60	---	---	---	No	1.380 to 1.410 (1.395)	35.1 to 35.8 (35.5)	3.5	89
1-1/2	41	50	LTCES06B-B	50	15	LTCES06B-D	150	45	---	---	---	No	1.575 to 1.600 (1.587)	40.0 to 40.6 (40.3)	4.5	114
2	53	63	LTCES07B-B	50	15	LTCES07B-C	100	30	---	---	---	No	2.020 to 2.045 (2.032)	51.3 to 51.9 (51.6)	5.5	140

### System Ingress Ratings

UL 50E "Tested"	
Indoor	Type 4, 12, 13
Outdoor	Type 3, 3R, 4
CSA C22.2, No. 94	Type 3, 3R, 4, 12, 13
NEMA 250	Type 3, 3R, 4, 12, 14
IEC 60529	IP66, IP67

### System Temperature Ratings

Gen	Dry: -20 to +80°C (-4 to +176°F)
	Oil: -20 to +70°C (-4 to +158°F)
	Wet: -20 to +60°C (-4 to +140°F)
IEC/CE:	Gen: -15 to +60°C (+5 to +140°F)

## EMI/RFI - Fittings and accessories

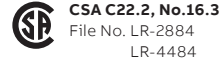
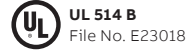
Series 5300 - Steel/Series 5300-NB - Nickel Plated Brass



Series 5300 Steel Liquid-tight



Series 5300-NB Nickel Plated Brass Liquid-tight



**Fittings**

**Accessories**

**Series 5300  
Steel Liquid-tight**

**Series 5300-NB Nickel  
Plated Brass Liquid-tight**



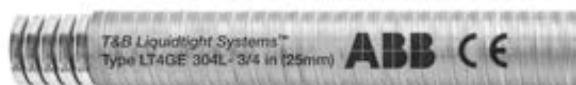
Trade Size			Type		Insulated			Insulated			*Seal Gasket Part No.	Wire Mesh Grips Part No.	Conduit Support Part No.	Lock Nuts **NPB Part No.
UL Inch	CSA mm	ISO/BS EN mm	Std.	Thread	Straight Part No.	45° Part No.	90° Part No.	Straight Part No.	45° Part No.	90° Part No.				
3/8	12	16	NPT	1/2"	5331	5341	5351	5331-NB	5341-NB	5351-NB	5261	WMG-LT1	P CLIP/16	LNB038
			ISO	M16	9360	9340	9350	9330-NB	9340-NB	9350-NB				LNBM16
			PG	13.5	7362	7342	7352	---	---	---				---
1/2	16	20	NPT	1/2"	5332	5342	5352	5332-NB	5342-NB	5352-NB	5262	WMG-LT2	P CLIP/20	LNB050
			ISO	M20	9362	9342	9352TB	9332-NB	9342-NB	9352-NB				LNBM20
			PG	16	7363	7343	7353	---	---	---				---
3/4	21	25	NPT	3/4"	5333	5343	5353	5333-NB	5343-NB	5353-NB	5263	WMG-LT3	P CLIP/25	LNB075
			ISO	M25	9363	9343TB	9353TB	9333-NB	9343-NB	9353-NB				LNBM25
			PG	21	7364	7344-TB	7354	---	---	---				---
1	27	32	NPT	1"	5334	5344	5354	5334-NB	5344-NB	5354-NB	5264	WMG-LT4	P CLIP/32	LNB100
			ISO	M32	9364	9344	9354TB	9334-NB	9344-NB	9354-NB				LNBM32
			PG	29	7365	7345	7355	---	---	---				---
1-1/4	35	40	NPT	1-1/4"	5335	5345	5355	5335-NB	5345-NB	5355-NB	5265	WMG-LT5	P CLIP/40	LNB125
			ISO	M40	9365	9345	9355	9335-NB	9345-NB	9355-NB				LNBM40
			PG	36	7366	7346	7356	---	---	---				---
1-1/2	41	50	NPT	1-1/2"	5336	5346	5356	5336-NB	5346-NB	5356-NB	5266	WMG-LT6	P CLIP/50	LNB150
			ISO	M50	9366	9346	9356	9336-NB	9346-NB	9356-NB				LNBM50
			PG	42	7367	7347	7357	---	---	---				---
2	53	63	NPT	2"	5337	5347	5357	5337-NB	5347-NB	5357-NB	5267	WMG-LT7	P CLIP/63	LNB200
			ISO	M63	9367	9347	9357	9337-NB	9347-NB	9357-NB				LNBM63
			PG	48	7368	7348-TB	7358	---	---	---				---
2-1/2	63	70	NPT	2-1/2"	5338	5348	5358	---	---	---	5268	WMG-LT8	P CLIP/75	---
			ISO	---	---	---	---	---	---	---				---
			PG	---	---	---	---	---	---	---				---
3	78	80	NPT	3"	5339	5349	5359	---	---	---	5269	WMG-LT9	---	---
			ISO	---	---	---	---	---	---	---			---	
			PG	---	---	---	---	---	---	---			---	
4	103	100	NPT	4"	5340	5350	5360	---	---	---	5270	WMG-LT10	---	---
			ISO	---	---	---	---	---	---	---			---	
			PG	---	---	---	---	---	---	---			---	

\*Seal gaskets required for Liquid and dust tight installations

\*\*Locknuts must be ordered separately for 5300-NB LT Fittings

## Stainless Steel - Liquid-tight flexible metal conduits

Type LT4GE SST 304 - CE Certified



### Type LT4GE SST 304 - General Purpose

Stainless Steel 304 General Purpose, CE Certified Flexible Metallic Conduits provide excellent strength, corrosion protection and liquid-tight performance

**Materials:** Stainless Steel 304, Smooth PVC Jacket

**Colour:** Clear (Standard), Grey (Optional)

### Approvals



Trade Size			Coil Length									Specifications				
UL	CSA	ISO/ BS EN	Standard Carton			Small Reel			Bulk Reel			UL Bond Wire	ID Range (Nominal)		Min. Inside Bend Radius	
Inch	mm	mm	Part No.	Ft	M	Part No.	Ft	M	Part No.	Ft	M		Inch	mm	Inch	mm
3/8	12	16	LT4GES01C-C	100	30	LT4GES01C-K	500	150	LT4GES01C-L	1,000	300	No	0.484 to 0.505 (0.493)	12.3 to 12.8 (12.5)	2.0	51
1/2	16	20	LT4GES02C-C	100	30	LT4GES02C-K	500	150	LT4GES02C-L	1,000	300	No	0.622 to 0.642 (0.632)	15.8 to 16.3 (16.0)	3.0	76
3/4	21	25	LT4GES03C-C	100	30	LT4GES03C-K	500	150	LT4GES03C-L	1,000	300	No	0.820 to 0.840 (0.830)	20.8 to 21.3 (21.1)	4.2	107
1	27	32	LT4GES04C-C	100	30	LT4GES04C-J	400	120	---	---	---	No	1.041 to 1.066 (1.053)	25.4 to 27.1 (26.8)	5.5	140
1-1/4	35	40	LT4GES05C-B	50	15	LT4GES05C-E	200	60	---	---	---	No	1.380 to 1.410 (1.395)	35.1 to 35.8 (35.5)	7.0	178
1-1/2	41	50	LT4GES06C-B	50	15	LT4GES06C-D	150	45	---	---	---	No	1.575 to 1.600 (1.587)	40.0 to 40.6 (40.3)	4.5	114
2	53	63	LT4GES07C-B	50	15	LT4GES07C-C	100	30	---	---	---	No	2.020 to 2.045 (2.032)	51.3 to 51.9 (51.6)	6.0	152
2-1/2	63	70	LT4GES08C-A	25	8	---	275	80	---	---	---	No	2.480 to 2.505 (2.492)	63.0 to 63.6 (63.3)	8.0	203
3	78	80	LT4GES09C-A	25	8	---	175	50	---	---	---	No	3.070 to 3.100 (3.085)	78.0 to 78.7 (78.4)	10.0	254
4	103	100	LT4GES11C-A	25	8	---	100	30	---	---	---	No	4.000 to 4.040 (4.020)	101.6 to 102.6 (102.1)	12.0	305

### System Ingress Ratings

UL 50E "Tested"	
Indoor	Type 4, 12, 13
Outdoor	Type 3, 3R, 4
CSA C22.2, No. 94	Type 3, 3R, 4, 12, 13
NEMA 250	Type 3, 3R, 4, 12, 14
IEC 60529	IP66, IP67

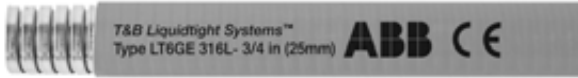
### System Temperature Ratings

Gen	Dry: -20 to +80°C (-4 to +176°F)
	Oil: -20 to +70°C (-4 to +158°F)
	Wet: -20 to +60°C (-4 to +140°F)
IEC/CE:	Gen: -15 to +60°C (+5 to +140°F)

For more information see Technical Data Sheet TDS000085. For download on our website. Please see also page 72 for more information.

# Stainless Steel - Liquid-tight flexible metal conduits

Type LT6GE SST 316L - CE certified



### Type LT6GE SST 316L - General Purpose

Stainless Steel 316L general purpose, CE Certified T&B Liquidtight Flexible Metallic Conduits provide superior strength, corrosion protection and Liquidtight performance

**Materials:** Stainless Steel 316L Core, Smooth PVC Jacket

**Colour:** Gray (Standard), Clear (Optional)

### Approvals



Trade Size			Coil Length									Specifications				
UL	CSA	ISO/ BS EN	Standard Carton			Small Reel			Bulk Reel			UL Bond Wire	ID Range (Nominal)		Min. Inside Bend Radius	
Inch	mm	mm	Part No.	Ft	M	Part No.	Ft	M	Part No.	Ft	M		Inch	mm	Inch	mm
3/8	12	16	LT6GES01G-C	100	30	LT6GES01G-K	500	150	LT6GES01G-L	1,000	300	No	0.484 to 0.505 (0.493)	12.3 to 12.8 (12.5)	2.0	51
1/2	16	20	LT6GES02G-C	100	30	LT6GES02G-K	500	150	LT6GES02G-L	1,000	300	No	0.622 to 0.642 (0.632)	15.8 to 16.3 (16.0)	3.0	76
3/4	21	25	LT6GES03G-C	100	30	LT6GES03G-K	500	150	LT6GES03G-L	1,000	300	No	0.820 to 0.840 (0.830)	20.8 to 21.3 (21.1)	4.2	107
1	27	32	LT6GES04G-C	100	30	LT6GES04G-J	400	120	---	---	---	No	1.041 to 1.066 (1.053)	25.4 to 27.1 (26.8)	5.5	140
1-1/4	35	40	LT6GES05G-B	50	15	LT6GES05G-E	200	60	---	---	---	No	1.380 to 1.410 (1.395)	35.1 to 35.8 (35.5)	7.0	178
1-1/2	41	50	LT6GES06G-B	50	15	LT6GES06G-D	150	45	---	---	---	No	1.575 to 1.600 (1.587)	40.0 to 40.6 (40.3)	4.5	114
2	53	63	LT6GES07G-B	50	15	LT6GES07G-C	100	30	---	---	---	No	2.020 to 2.045 (2.032)	51.3 to 51.9 (51.6)	6.0	152
2-1/2	63	70	LT6GES08G-A	25	8	LT6GES08G-G	275	80	---	---	---	No	2.480 to 2.505 (2.492)	63.0 to 63.6 (63.3)	8.0	203
3	78	80	LT6GES09G-A	25	8	LT6GES09G-P	175	50	---	---	---	No	3.070 to 3.100 (3.085)	78.0 to 78.7 (78.4)	10.0	254
4	103	100	LT6GES11G-A	25	8	LT6GES11G-C	100	30	---	---	---	No	4.000 to 4.040 (4.020)	101.6 to 102.6 (102.1)	12.0	305

### System Ingress Ratings

UL 50E "Tested"	
Indoor	Type 4, 12, 13
Outdoor	Type 3, 3R, 4
CSA C22.2, No. 94	Type 3, 3R, 4, 12, 13
NEMA 250	Type 3, 3R, 4, 12, 14
IEC 60529	IP66, IP67

### System Temperature Ratings

Gen	Dry: -55 to +105°C (-67 to +221°F)
	Oil: -30 to +70°C (-22 to +158°F)
	Wet: -30 to +60°C (-22 to +140°F)
IEC/CE:	Gen: -45 to +105°C (+49 to +221°F)

For more information see  
 Technical Data Sheet TDS000087.  
 For download on our website.  
 Please see also page 72  
 for more information.

## Stainless Steel - Liquid-tight flexible metal conduits

Type LT6XE Extreme Temperature - CE certified



### Type LT6XE - Extreme Temperature

Stainless Steel 316L extreme temperature, CE Certified T&B Liquidtight Flexible Metallic Conduits provide excellent performance in extreme temperatures and highly corrosive environments

**Materials:** Stainless Steel 316L Core, Smooth TPU Jacket

**Colour:** Black (Standard)

### Approvals

 IEC EN 61386-1, -23  
DoC: EC-012-16-178



Trade Size			Coil Length										Specifications			
UL	CSA	ISO/ BS EN	Standard Carton			Small Reel			Bulk Reel				ID Range (Nominal)		Min. Inside Bend Radius	
Inch	mm	mm	Part No.	Ft	M	Part No.	Ft	M	Part No.	Ft	M	UL Bond Wire	Inch	mm	Inch	mm
3/8	12	16	LTXES01B-C	100	30	LTXES01B-K	500	150	LTXES01B-L	1,000	300	No	0.484 to 0.505 (0.493)	12.3 to 12.8 (12.5)	1.5	38
1/2	16	20	LTXES02B-C	100	30	LTXES02B-K	500	150	LTXES02B-L	1,000	300	No	0.622 to 0.642 (0.632)	15.8 to 16.3 (16.0)	2.0	51
3/4	21	25	LTXES03B-C	100	30	LTXES03B-K	500	150	LTXES03B-L	1,000	300	No	0.820 to 0.840 (0.830)	20.8 to 21.3 (21.1)	2.5	64
1	27	32	LTXES04B-C	100	30	LTXES04B-J	400	120	---	---	---	No	1.041 to 1.066 (1.053)	25.4 to 27.1 (26.8)	3.0	76
1-1/4	35	40	LTXES05B-B	50	15	LTXES05B-E	200	60	---	---	---	No	1.380 to 1.410 (1.395)	35.1 to 35.8 (35.5)	3.5	89
1-1/2	41	50	LTXES06B-B	50	15	LTXES06B-D	150	45	---	---	---	No	1.575 to 1.600 (1.587)	40.0 to 40.6 (40.3)	4.5	114
2	53	63	LTXES07B-B	50	15	LTXES07B-C	100	30	---	---	---	No	2.020 to 2.045 (2.032)	51.3 to 51.9 (51.6)	5.5	140
2-1/2	63	70	LTXES08B-A	25	8	---	---	---	---	---	---	No	2.480 to 2.505 (2.492)	63.0 to 63.6 (63.3)	8.0	203
3	78	80	LTXES09B-A	25	8	---	---	---	---	---	---	No	3.070 to 3.100 (3.085)	78.0 to 78.7 (78.4)	10.0	254
4	103	100	LTXES11B-A	25	8	---	---	---	---	---	---	No	4.000 to 4.040 (4.020)	101.6 to 102.6 (102.1)	12.0	305

### System Ingress Ratings

UL 50E "Tested"	
Indoor	Type 4, 12, 13
Outdoor	Type 3, 3R, 4
CSA C22.2, No. 94	Type 3, 3R, 4, 12, 13
NEMA 250	Type 3, 3R, 4, 12, 14
IEC 60529	IP66, IP67

### System Temperature Ratings

Gen	Dry: -60 to +150°C (-76 to +302°F)
IEC/CE:	Gen: -45 to +150°C (-49 to +302°F)

For more information see Technical Data Sheet TDS000088. For download on our website. Please see also page 72 for more information.

# Stainless Steel 316 - Fittings and accessories

Series 5300SST6/ Series 5300SST6HT High Temperature

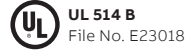


Series 5300SST6



Series 5300SST6HT High Temperature

### Approvals

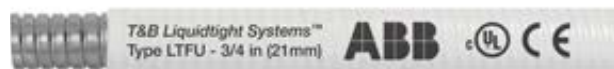


Fittings											Accessories			
Series 5300SST6 SST 316											Series 5300SST6HT SST 316 High Temperature			
Trade Size		Type		Insulated			Insulated			*Sealing Gasket Part No.	Wire Mesh Grips Part No.	Conduit Support Part No.	**Lock Nuts SST 316 Part No.	
UL Inch	CSA mm	ISO/BS EN mm	Std.	Thread	Straight Part No.	45° Part No.	90° Part No.	Straight Part No.	45° Part No.					90° Part No.
3/8	12	16	NPT	1/2"	5331SST6	5341SST6	5351SST6	5331SST6HT	5341SST6HT	5351SST6HT	5261-HT	WMG-LT1	P CLIP/16	LNSS038
			ISO	M16	9330SST6	9340SST6	9350SST6	9330SST6HT	9340SST6HT	9350SST6HT			---	LNSSM16
			PG	13.5	---	---	---	---	---	---			---	---
1/2	16	20	NPT	1/2"	5332SST6	5342SST6	5352SST6	5332SST6HT	5342SST6HT	5352SST6HT	5262-HT	WMG-LT2	P CLIP/20	LNSS050
			ISO	M20	9332SST6	9342SST6	9352SST6	9332SST6HT	9342SST6HT	9352SST6HT			HS901SS	LNSSM20
			PG	16	---	---	---	---	---	---			---	---
3/4	21	25	NPT	3/4"	5333SST6	5343SST6	5353SST6	5333SST6HT	5343SST6HT	5353SST6HT	5263-HT	WMG-LT3	P CLIP/25	LNSS075
			ISO	M25	9333SST6	9343SST6	9353SST6	9333SST6HT	9343SST6HT	9353SST6HT			HS902SS	LNSSM25
			PG	21	---	---	---	---	---	---			---	---
1	27	32	NPT	1"	5334SST6	5344SST6	5354SST6	5334SST6HT	5344SST6HT	5354SST6HT	5264-HT	WMG-LT4	P CLIP/32	LNSS100
			ISO	M32	9334SST6	9344SST6	9354SST6	9334SST6HT	9344SST6HT	9354SST6HT			HS903SS	LNSSM32
			PG	29	---	---	---	---	---	---			---	---
1-1/4	35	40	NPT	1-1/4"	5335SST6	5345SST6	5355SST6	5335SST6HT	5345SST6HT	5355SST6HT	5265-HT	WMG-LT5	P CLIP/40	LNSS125
			ISO	M40	9335SST6	9345SST6	9355SST6	9335SST6HT	9345SST6HT	9355SST6HT			HS904SS	LNSSM40
			PG	36	---	---	---	---	---	---			---	---
1-1/2	41	50	NPT	1-1/2"	5336SST6	5346SST6	5356SST6	5336SST6HT	5346SST6HT	5356SST6HT	5266-HT	WMG-LT6	P CLIP/50	LNSS150
			ISO	M50	9336SST6	9346SST6	9356SST6	9336SST6HT	9346SST6HT	9356SST6HT			HS905SS	LNSSM50
			PG	42	---	---	---	---	---	---			---	---
2	53	63	NPT	2"	5337SST6	5347SST6	5357SST6	5337SST6HT	5347SST6HT	5357SST6HT	5267-HT	WMG-LT7	P CLIP/63	LNSS200
			ISO	M63	9337SST6	9347SST6	9357SST6	9337SST6HT	9347SST6HT	9357SST6HT			HS906SS	LNSSM63
			PG	48	---	---	---	---	---	---			---	---
2-1/2	63	70	NPT	2-1/2"	5338-HT	5348-HT	5358-HT	5338-HT	5348-HT	5358-HT	5268 -HT	WMG-LT8	P CLIP/75	---
			ISO	---	---	---	---	---	---	---			---	HS907SS
			PG	---	---	---	---	---	---	---			---	---
3	78	80	NPT	3"	5339-HT	5349-HT	5359-HT	5339-HT	5349-HT	5359-HT	5269-HT	WMG-LT9	---	---
			ISO	---	---	---	---	---	---	---			---	HS908SS
			PG	---	---	---	---	---	---	---			---	---
4	103	100	NPT	4"	5340-HT	5350-HT	5360-HT	5340-HT	5350-HT	5360-HT	5270-HT	WMG-LT10	---	---
			ISO	---	---	---	---	---	---	---			---	HS910SS
			PG	---	---	---	---	---	---	---			---	---

\*Seal gaskets required for Liquid and dust tight installations  
 \*\*Locknuts must be ordered separately for 5300SST6 Fittings

## Food & Beverage - Liquid-tight flexible metal conduits

Type LTFU - UL Listed



### Type LTFU - General Purpose

Food & Beverage, UL Listed, NSF Certified T&B Liquidtight Flexible Metallic Conduit provide excellent strength and liquid-tight performance for food industry equipment

**Materials:** Galvanized Steel Core, Smooth PVC Jacket, FDA approved compound with copper bonding wire from 3/8 to 1-1/4"

**Colour:** White (Standard)

### Approvals



Trade Size			Coil Length										Specifications			
UL	CSA	ISO/ BS EN	Standard Carton			Small Reel			Bulk Reel				ID Range (Nominal)		Min. Inside Bend Radius	
Inch	mm	mm	Part No.	Ft	M	Part No.	Ft	M	Part No.	Ft	M	UL Bond Wire	Inch	mm	Inch	mm
3/8	12	16	LTFUS01W-C	100	30	LTFUS01W-K	500	150	LTFUS01W-L	1,000	300	Yes	0.484 to 0.505 (0.493)	12.3 to 12.8 (12.5)	2.0	51
1/2	16	20	LTFUS02W-C	100	30	LTFUS02W-K	500	150	LTFUS02W-L	1,000	300	Yes	0.622 to 0.642 (0.632)	15.8 to 16.3 (16.0)	3.0	76
3/4	21	25	LTFUS03W-C	100	30	LTFUS03W-K	500	150	LTFUS03W-L	1,000	300	Yes	0.820 to 0.840 (0.830)	20.8 to 21.3 (21.1)	4.2	107
1	27	32	LTFUS04W-C	100	30	LTFUS04W-J	400	120	---	---	---	Yes	1.041 to 1.066 (1.053)	25.4 to 27.1 (26.8)	5.5	140
1-1/4	35	40	LTFUS05W-B	50	15	LTFUS05W-E	200	60	---	---	---	Yes	1.380 to 1.410 (1.395)	35.1 to 35.8 (35.5)	7.0	178
1-1/2	41	50	LTFUS06W-B	50	15	LTFUS06W-D	150	45	---	---	---	No	1.575 to 1.600 (1.587)	40.0 to 40.6 (40.3)	4.5	114
2	53	63	LTFUS07W-B	50	15	LTFUS07W-C	100	30	---	---	---	No	2.020 to 2.045 (2.032)	51.3 to 51.9 (51.6)	6.0	152
2-1/2	63	70	LTFUS08W-A	25	8	LTFUS08W-G	275	80	---	---	---	No	2.480 to 2.505 (2.492)	63.0 to 63.6 (63.3)	8.0	203
3	78	80	LTFUS09W-A	25	8	LTFUS09W-P	175	50	---	---	---	No	3.070 to 3.100 (3.085)	78.0 to 78.7 (78.4)	10.0	254
4	103	100	LTFUS11W-A	25	8	LTFUS11W-C	100	30	---	---	---	No	4.000 to 4.040 (4.020)	101.6 to 102.6 (102.1)	12.0	305

### System Ingress Ratings

UL 50E "Listed"	
Indoor	Type 4, 12, 13
Outdoor	Type 3, 3R, 4
NEMA 250	Type 3, 3R, 4, 12, 14
IEC 60529	IP66, IP67

### System Temperature Ratings

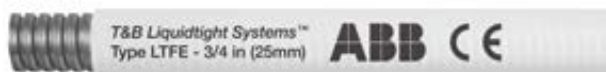
UL	Dry: -30 to +80°C (-22 to +176°F)
	Oil: -30 to +70°C (-22 to +158°F)
	Wet: -30 to +60°C (-22 to +140°F)
IEC/CE	Gen: -25 to +90°C (-13 to +194°F)

For more information see Technical Data Sheet TDS000021. For download on our website. Please see also page 72 for more information.



## Food & Beverage - Liquid-tight flexible metal conduits

Type LTFE - CE certified



### Type LTFE - General Purpose

Food & Beverage, CE and NSF certified, T&B Liquidtight Flexible metallic conduits provide excellent strength and liquid-tight performance for food industry equipment

**Materials:** Galvanized Steel Core, Smooth PVC Jacket,

FDA Approved compound

**Colour:** White (Standard)

### Approvals



Trade Size			Coil Length										Specifications			
UL	CSA	ISO/ BS EN	Standard Carton			Small Reel			Bulk Reel				ID Range (Nominal)		Min. Inside Bend Radius	
Inch	mm	mm	Part No.	Ft	M	Part No.	Ft	M	Part No.	Ft	M	UL Bond Wire	Inch	mm	Inch	mm
3/8	12	16	LTFES01W-C	100	30	LTFES01W-K	500	150	LTFES01W-L	1,000	300	No	0.484 to 0.505 (0.493)	12.3 to 12.8 (12.5)	2.0	51
1/2	16	20	LTFES02W-C	100	30	LTFES02W-K	500	150	LTFES02W-L	1,000	300	No	0.622 to 0.642 (0.632)	15.8 to 16.3 (16.0)	3.0	76
3/4	21	25	LTFES03W-C	100	30	LTFES03W-K	500	150	LTFES03W-L	1,000	300	No	0.820 to 0.840 (0.830)	20.8 to 21.3 (21.1)	4.2	107
1	27	32	LTFES04W-C	100	30	LTFES04W-J	400	120	---	---	---	No	1.041 to 1.066 (1.053)	25.4 to 27.1 (26.8)	5.5	140
1-1/4	35	40	LTFES05W-B	50	15	LTFES05W-E	200	60	---	---	---	No	1.380 to 1.410 (1.395)	35.1 to 35.8 (35.5)	7.0	178
1-1/2	41	50	LTFES06W-B	50	15	LTFES06W-D	150	45	---	---	---	No	1.575 to 1.600 (1.587)	40.0 to 40.6 (40.3)	4.5	114
2	53	63	LTFES07W-B	50	15	LTFES07W-C	100	30	---	---	---	No	No 2.020 to 2.045 (2.032)	51.3 to 51.9 (51.6)	6.0	152
2-1/2	63	70	LTFES08W-A	25	8	LTFES08W-G	275	80	---	---	---	No	2.480 to 2.505 (2.492)	63.0 to 63.6 (63.3)	8.0	203
3	78	80	LTFES09W-A	25	8	LTFES09W-P	175	50	---	---	---	No	3.070 to 3.100 (3.085)	78.0 to 78.7 (78.4)	10.0	254
4	103	100	LTFES11W-A	25	8	LTFES11W-C	100	30	---	---	---	No	4.000 to 4.040 (4.020)	101.6 to 102.6 (102.1)	12.0	305

### System Ingress Ratings

UL 50E "Tested"	
Indoor	Type 4, 12, 13
Outdoor	Type 3, 3R, 4
CSA C22.2, No. 94	Type 3, 3R, 4, 12, 13
NEMA 250	Type 3, 3R, 4, 12, 14
IEC 60529	IP66, IP67

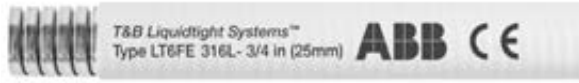
### System Temperature Ratings

Gen	Dry: -20 to +60°C (-4 to +140°F)
IEC/CE:	Gen: -25 to +90°C (+13 to +194°F)

For more information see Technical Data Sheet TDS000022. For download on our website. Please see also page 72 for more information.

## Food & Beverage - Liquid-tight flexible metal conduits

Type LT6FE - CE certified



### Type LT6FE SST 316L - General Purpose

Stainless Steel 316L Food & Beverage, CE and NSF Certified T&B Liquidtight Flexible Metallic Conduits provide superior strength, corrosion protection and liquid-tight performance

**Materials:** Stainless Steel 316L Core, Smooth PVC Jacket, FDA Approved compound

**Colour:** White (Standard)

### Approvals



Trade Size			Coil Length										Specifications			
UL	CSA	ISO/ BS EN	Standard Carton			Small Reel			Bulk Reel				ID Range (Nominal)		Min. Inside Bend Radius	
Inch	mm	mm	Part No.	Ft	M	Part No.	Ft	M	Part No.	Ft	M	UL Bond Wire	Inch	mm	Inch	mm
3/8	12	16	LT6FES01W-C	100	30	LT6FES01W-K	500	150	LT6FES01W-L	1,000	300	No	0.484 to 0.505 (0.493)	12.3 to 12.8 (12.5)	1.5	38
1/2	16	20	LT6FES02W-C	100	30	LT6FES02W-K	500	150	LT6FES02W-L	1,000	300	No	0.622 to 0.642 (0.632)	15.8 to 16.3 (16.0)	2.0	51
3/4	21	25	LT6FES03W-C	100	30	LT6FES03W-K	500	150	LT6FES03W-L	1,000	300	No	0.820 to 0.840 (0.830)	20.8 to 21.3 (21.1)	2.5	64
1	27	32	LT6FES04W-C	100	30	LT6FES04W-J	400	120	---	---	---	No	1.041 to 1.066 (1.053)	25.4 to 27.1 (26.8)	3.0	76
1-1/4	35	40	LT6FES05W-B	50	15	LT6FES05W-E	200	60	---	---	---	No	1.380 to 1.410 (1.395)	35.1 to 35.8 (35.5)	3.5	89
1-1/2	41	50	LT6FES06W-B	50	15	LT6FES06W-D	150	45	---	---	---	No	1.575 to 1.600 (1.587)	40.0 to 40.6 (40.3)	4.5	114
2	53	63	LT6FES07W-B	50	15	LT6FES07W-C	100	30	---	---	---	No	2.020 to 2.045 (2.032)	51.3 to 51.9 (51.6)	5.5	140
2-1/2	63	70	LT6FES08W-A	25	8	---	---	---	---	---	---	No	2.480 to 2.505 (2.492)	63.0 to 63.6 (63.3)	8.0	203
3	78	80	LT6FES09W-A	25	8	---	---	---	---	---	---	No	3.070 to 3.100 (3.085)	78.0 to 78.7 (78.4)	10.0	254
4	103	100	LT6FES11W-A	25	8	---	---	---	---	---	---	No	4.000 to 4.040 (4.020)	101.6 to 102.6 (102.1)	12.0	305

### System Ingress Ratings

UL 50E "Tested"	
Indoor	Type 4, 12, 13
Outdoor	Type 3, 3R, 4
CSA C22.2, No. 94	Type 3, 3R, 4, 12, 13
NEMA 250	Type 3, 3R, 4, 12, 14
IEC 60529	IP66, IP67

### System Temperature Ratings

Gen	Dry: -55 to +105°C (-67 to +221°F)
	Oil: -30 to +70°C (-22 to +158°F)
	Wet: -30 to +60°C (-22 to +140°F)
IEC/CE:	Gen: -45 to +105°C (+49 to +221°F)

For more information see Technical Data Sheet TDS000086. For download on our website. Please see also page 72 for more information.

# Food & Beverage - Fittings and accessories

## Series 5300SST6/ Series 5300SST6HT High Temperature

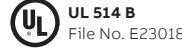


Series 5300SST6



Series 5300SST6HT - High Temperature

### Approvals



### Fittings

### Accessories

#### Series 5300SST6 SST 316

#### Series 5300SST6HT SST 316 High Temperature



Trade Size		Type		*Insulated			Insulated			*Sealing Gasket Part No.	Wire Mesh Grips Part No.	Conduit Support Part No.	**Lock Nuts SST Part No.	
UL Inch	CSA mm	ISO/BS EN mm	Std.	Thread	Straight Part No.	45° Part No.	90° Part No.	Straight Part No.	45° Part No.					90° Part No.
3/8	12	16	NPT	1/2"	5331SST6	5341SST6	5351SST6	5331SST6HT	5341SST6HT	5351SST6HT	5261	WMG-LT1	P CLIP/16	LNSS038
			ISO	M16	9330SST6	9340SST6	9350SST6	9330SST6HT	9340SST6HT	9350SST6HT			---	LNSSM16
			PG	13.5	---	---	---	---	---	---			---	---
1/2	16	20	NPT	1/2"	5332SST6	5342SST6	5352SST6	5332SST6HT	5342SST6HT	5352SST6HT	5262	WMG-LT2	P CLIP/20	LNSS050
			ISO	M20	9332SST6	9342SST6	9352SST6	9332SST6HT	9342SST6HT	9352SST6HT			---	LNSSM20
			PG	16	---	---	---	---	---	---			---	---
3/4	21	25	NPT	3/4"	5333SST6	5343SST6	5353SST6	5333SST6HT	5343SST6HT	5353SST6HT	5263	WMG-LT3	P CLIP/25	LNSS075
			ISO	M25	9333SST6	9343SST6	9353SST6	9333SST6HT	9343SST6HT	9353SST6HT			---	LNSSM25
			PG	21	---	---	---	---	---	---			---	---
1	27	32	NPT	1"	5334SST6	5344SST6	5354SST6	5334SST6HT	5344SST6HT	5354SST6HT	5264	WMG-LT4	P CLIP/32	LNSS100
			ISO	M32	9334SST6	9344SST6	9354SST6	9334SST6HT	9344SST6HT	9354SST6HT			---	LNSSM32
			PG	29	---	---	---	---	---	---			---	---
1-1/4	35	40	NPT	1-1/4"	5335SST6	5345SST6	5355SST6	5335SST6HT	5345SST6HT	5355SST6HT	5265	WMG-LT5	P CLIP/40	LNSS125
			ISO	M40	9335SST6	9345SST6	9355SST6	9335SST6HT	9345SST6HT	9355SST6HT			---	LNSSM40
			PG	36	---	---	---	---	---	---			---	---
1-1/2	41	50	NPT	1-1/2"	5336SST6	5346SST6	5356SST6	5336SST6HT	5346SST6HT	5356SST6HT	5266	WMG-LT6	P CLIP/50	LNSS150
			ISO	M50	9336SST6	9346SST6	9356SST6	9336SST6HT	9346SST6HT	9356SST6HT			---	LNSSM50
			PG	42	---	---	---	---	---	---			---	---
2	53	63	NPT	2"	5337SST6	5347SST6	5357SST6	5337SST6HT	5347SST6HT	5357SST6HT	5267	WMG-LT7	P CLIP/63	LNSS200
			ISO	M63	9337SST6	9347SST6	9357SST6	9337SST6HT	9347SST6HT	9357SST6HT			---	LNSSM63
			PG	48	---	---	---	---	---	---			---	---
2-1/2	63	70	NPT	2-1/2"	5338-HT	5348-HT	5358-HT	5338-HT	5348-HT	5358-HT	5268	WMG-LT8	P CLIP/75	---
			ISO	---	---	---	---	---	---	---			---	---
			PG	---	---	---	---	---	---	---			---	---
3	78	80	NPT	3"	5339-HT	5349-HT	5359-HT	5339-HT	5349-HT	5359-HT	5269	WMG-LT9	---	---
			ISO	---	---	---	---	---	---	---			---	---
			PG	---	---	---	---	---	---	---			---	---
4	103	100	NPT	4"	5340-HT	5350-HT	5360-HT	5340-HT	5350-HT	5360-HT	5270	WMG-LT10	---	---
			ISO	---	---	---	---	---	---	---			---	---
			PG	---	---	---	---	---	---	---			---	---

\*Seal gaskets required for Liquid and dust tight installations  
 \*\*Locknuts must be ordered separately for 5300SST6 Fittings

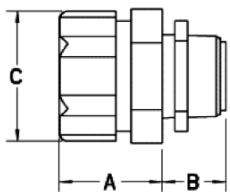
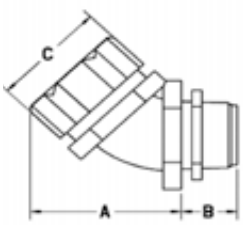
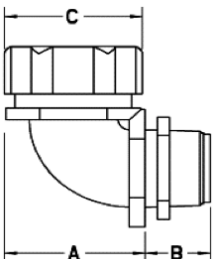
## Technical Data

### Approximate Dimensions

#### Series 52/53 Liquid-Tight Fittings

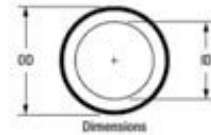
The dimensions in this table covers all T&B Liquidtight (T&B Series 52/53 Liquidtight Fittings) covering the following types:

- Series 5200/5300 Steel & Malleable Iron
- Series 5300SST6 Stainless Steel 316
- Series 5200AL Aluminum
- Series 5300-HT Steel & Malleable Iron
- Series 5300SSTHT Stainless Steel 316
- Series 5300-PT Steel
- 5300-NB Nickel Plated Brass

Approximate Dimensions Straight Fittings - NPT, PG, ISO Threads									
Trade Size			Inches			millimeters			
Inches	Metric	ISO/BS EN	A	B	C	A	B	C	
	3/8	12	16	1-5/32	1-1/2	9/16	29.4	38.1	14.3
	1/2	16	20	1-3/8	1-9/16	9/16	34.9	39.7	14.3
	3/4	21	25	1-21/32	1-5/8	9/16	42.1	41.3	14.3
	1	27	32	1-7/8	2-1/16	3/4	47.6	52.4	19.1
	1-1/4	35	40	2-3/32	2-1/2	13/16	53.2	63.5	20.6
	1-1/2	41	50	2-23/32	2-11/16	13/16	69.1	68.3	20.6
	2	53	63	3-1/4	3-1/16	7/8	82.6	77.8	22.2
	2-1/2	63	70	3-3/4	4-1/8	1	95.3	104.8	25.4
	3	78	80	4-1/2	4-1/4	1	114.3	108.0	25.4
	4	103	100	5-1/2	4-1/2	1-1/8	139.7	114.3	28.6
	5	129	120	8-3/4	7	1-7/8	222.3	177.8	47.6
	6	155	140	8-3/4	8-1/2	2	222.3	215.9	50.8
	45° Fittings - NPT, PG, ISO Threads								
	3/8	12	16	1-5/32	1-9/16	9/16	29.4	39.7	14.3
	1/2	16	20	1-3/8	1-7/8	9/16	34.9	73.0	14.3
	3/4	21	25	1-21/32	2-1/8	9/16	42.1	54.0	14.3
	1	27	32	1-7/8	2-1/4	3/4	47.6	57.2	19.1
	1-1/4	35	40	2-3/32	2-3/4	13/16	53.2	69.9	20.6
	1-1/2	41	50	2-23/32	3-3/8	13/16	69.1	85.7	20.6
	2	53	63	3-1/4	3-7/8	7/8	82.6	98.4	22.2
2-1/2	63	70	3-3/4	4-1/4	1	95.3	108.0	25.4	
3	78	80	4-1/2	4-1/4	1	114.3	108.0	25.4	
4	103	100	5-1/2	4-1/2	1-1/8	139.7	114.3	28.6	
	90° Fittings - NPT, PG, ISO Threads								
	3/8	12	16	1-5/32	1-3/8	9/16	29.4	34.9	14.3
	1/2	16	20	1-3/8	1-9/16	9/16	34.9	39.7	14.3
	3/4	21	25	1-21/32	1-3/4	9/16	42.1	44.5	14.3
	1	27	32	1-7/8	2-3/16	3/4	47.6	55.6	19.1
	1-1/4	35	40	2-3/32	2-3/4	13/16	53.2	69.9	20.6
	1-1/2	41	50	2-23/32	2-15/16	13/16	69.1	74.6	20.6
	2	53	63	3-1/4	3-7/16	7/8	82.6	87.3	22.2
	2-1/2	63	70	3-3/4	8-7/8	1	95.3	225.4	25.4
	3	78	80	4-1/2	10-1/4	1	114.3	260.4	25.4
4	103	100	5-1/2	12-5/8	1-1/8	139.7	320.7	28.6	

**Liquid-tight Flexible Metal Conduits**

T&B Liquid-Tight Flexible Metallic Conduits are all designed to UL 360 ID and OD Dimensions to insure coordinated performance with Ser. 52/53 Liquidtight Fittings



Part No.	Trade Size			Inches				millimeters			
	UL	CSA	ISO/BS EN	Inside (ID)		Outside (OD)		Inside (ID)		Outside (OD)	
	Inches	mm	mm	Min	Max	Min	Max	Min	Max	Min	Max
LTxxS01x-*	3/8	12	16	0.484	0.504	0.690	0.710	12.3	12.8	17.5	18.0
LTxxS02x-*	1/2	16	20	0.622	0.642	0.820	0.840	15.8	16.3	20.8	21.3
LTxxS03x-*	3/4	21	25	0.820	0.840	1.030	1.050	20.8	21.3	26.2	26.7
LTxxS04x-*	1	27	32	1.041	1.066	1.290	1.315	26.4	27.1	32.8	33.4
LTGxx05x-*	1-1/4	35	40	1.380	1.410	1.630	1.660	35.1	35.8	41.4	42.2
LTxxS06x-*	1-1/2	41	50	1.575	1.600	1.865	1.900	40.0	40.6	47.4	48.3
LTxxS07x-*	2	53	63	2.020	2.045	2.340	2.375	51.3	51.9	59.4	60.3
LTxxS08x-*	2-1/2	63	70	2.480	2.505	2.840	2.875	63.0	63.6	72.1	73.0
LTxxS09x-*	3	78	80	3.070	3.100	3.460	3.500	78.0	78.7	87.9	88.8
LTxxS11x-*	4	103	100	4.000	4.040	4.460	4.500	101.6	102.6	113.3	114.3
LTxxS12x-*	5	129	---	4.975	5.035	5.505	5.565	126.4	127.9	139.8	141.4
LTxxS13x-*	6	155	---	6.015	6.075	6.565	6.625	152.8	154.3	166.8	168.3

**Fitting Entry Knockout Dimensions**

T&B Liquid-Tight Flexible Metallic Conduit Fittings

Through hole and knockout dimensions for liquidtight fittings

NPT				ISO Metric			
Trade Size	Actual Hole Diameter			Trade Size	Actual Hole Diameter		
	Inches	Inches	mm		Max	Min	Max
3/8"				M16	---	0.638	16.2
1/2"	7/8	0.885	22.5	M20	---	0.803	20.4
3/4"	---	1.115	28.3	M25	1	1.000	25.4
1"	---	1.362	34.6	M32	---	1.280	32.5
1-1/4"	1-11/16	1.701	43.2	M40	---	1.595	40.5
1-1/2"	1-15/16	1.951	49.6	M50	2	2.000	50.8
2"	2-3/8	2.416	61.5	M63	2-1/2	2.500	63.5
2-1/2"	2-7/8	2.914	74.0	---	---	---	---
3"	3-1/2	3.539	89.9	---	---	---	---
4"	4-1/2	4.544	115.4	---	---	---	---
5"	5-5/8	5.675	144.1	---	---	---	---
6"	---	6.813	173.1	---	---	---	---

## Chemical resistance guide for liquid-tight fitting

This document serves as a guideline only and compatibility should be verified in the application environment to ensure suitability. Many factors can determine the exact suitability; such as temperature, duration of contact, nature of contact such as submersion and concentration of the chemicals involved.

See chemical resistance guide GM7636 for T&B Liquidtight Flexible Metallic Conduit.

Resistance guide																
Chemicals	Metals								Plastics & Elastomers							
	Aluminum	Carbon Steel	Cast/Ductile Iron	Nickel Plated Brass	303/304 Stainless Steel	1.4301 (V2A)	316 Stainless Steel	1.4401 (V4A)	PA6 PA66 Polyamide	POM Polyacetal	PVC Polyvinylchloride	TPE-U/TPE-E Polyester	PP Polypropylene	EPR, EPDM	NBR Nitrile	CR Polychloroprene
Acetate Solvents	2	0	0	3	0	3	3	3	3	0	0	0	2	0	0	0
Acetic Acid	2	0	0	3	0	2	0	0	3	0	2	3	1	1	1	
Acetic Acid — 20%	2	0	0	3	2	3	0	1	3	0	2	3	1	2	-	
Acetic Acid — 30%	0	-	3	3	3	3	0	2	-	0	2	3	1	2	-	
Acetic Acid — 50%	0	-	3	3	3	2	0	2	-	1	2	3	0	1	-	
Acetic Acid — 80%	2	0	0	3	0	2	0	0	-	1	3	3	0	1	-	
Acetic Acid — Glacial	2	0	0	2	1	3	0	0	3	1	1	2	0	0	-	
Acetone	2	3	3	3	3	3	2	2	0	1	0	3	0	0	0	
Acetone Cyanohydrin	2	-	2	3	2	-	-	-	-	-	-	0	-	2	-	
Acetonitrile (Methyl Cyanide)	3	3	3	3	3	3	3	3	0	-	0	3	0	0	2	
Acetophenone	2	3	3	3	3	2	3	-	-	-	1	2	0	0	-	
Acrylonitrile	2	3	3	3	3	3	2	-	3	0	2	0	0	0	0	
Adipic Acid	2	3	2	3	2	2	3	2	3	0	2	3	3	0	-	
Alcohol	3	3	3	3	3	3	0	2	3	2	2	2	-	-	-	
Alcohol: Amyl	2	2	2	3	3	3	3	3	3	3	2	3	2	2	0	
Alcohol: Benzyl	2	2	2	3	2	2	0	3	3	0	3	1	0	1	1	
Alcohol: Butyl	2	2	2	3	3	3	0	3	3	0	2	3	3	3	0	
Alcohol: Diacetone	2	3	2	3	3	3	3	3	2	0	2	2	0	0	2	
Alcohol: Ethyl	2	2	2	3	3	3	2	3	3	3	3	3	3	3	0	
Alcohol: Hexyl	3	3	3	3	3	3	3	3	3	0	3	1	3	2	0	
Alcohol: Isobutyl	2	1	1	3	3	3	2	3	3	2	3	2	1	3	0	
Alcohol: Isopropyl	2	3	1	3	2	2	0	3	3	3	3	2	1	2	0	
Alcohol: Methyl	2	3	3	3	3	3	2	3	3	2	3	2	3	3	0	
Alcohol: Octyl	3	3	3	3	3	3	3	3	3	0	-	3	2	2	0	
Alcohol: Propyl	3	3	3	3	3	3	2	3	3	0	3	2	3	3	0	
Aluminum Chloride	0	0	0	0	0	1	0	2	3	1	3	3	3	3	2	
Ammonia 10%	3	3	3	3	3	3	3	0	3	-	3	3	-	3	-	
Ammonia Anhydrous	3	3	3	3	3	3	2	0	3	0	3	3	-	2	-	
Ammonia Liquids	0	-	3	3	3	-	-	0	0	-	3	3	2	3	2	

3 = Excellent  
 2 = Good  
 1 = Fair to poor  
 0 = Not recommended  
 - = No data

Resistance guide																
Chemicals	Metals										Plastics & Elastomers					
	Aluminum	Carbon Steel	Cast/Ductile Iron	Nickel Plated Brass	303/304 Stainless Steel	1.4301 (V2A)	316 Stainless Steel	1.4401 (V4A)	PA6 PA66 Polyamide	POM Polyacetal	PVC Polyvinylchloride	TPE-U/TPE-E Polyester	PP Polypropylene	EPR, EPDM	NBR Nitrile	CR Polychloroprene
Ammonia Liquors	3	-	3	3	3	-	-	-	-	0	-	-	-	-	3	-
Aniline	1	1	1	3	3	2	1	2	2	0	1	0	0	0	0	0
ASTM no.1	3	-	3	3	3	-	-	3	3	3	-	0	3	2	2	
ASTM no.2	3	-	3	3	3	-	-	3	2	3	-	0	3	2	0	
ASTM no.3	3	-	3	3	3	-	-	3	-	3	-	0	3	1	0	
ASTM no.4	3	-	3	3	3	-	-	3	-	0	-	0	2	0	0	
ASTM no.5	3	-	3	3	3	-	-	-	-	3	-	0	3	2	0	
ASTM no.6	3	-	3	3	3	-	-	-	-	3	-	0	0	0	0	
ASTM no.7	3	-	3	3	3	-	-	-	-	3	-	0	2	0	0	
Benzaldehyde	2	3	3	3	2	2	0	3	-	2	0	2	0	0	0	
Benzene	2	3	2	3	2	2	3	3	2	1	0	0	0	0	0	
Blood	-	-	-	3	3	3	-	-	3	-	3	-	-	-	-	
Brake Fluid (Mineral)	3	3	3	3	3	3	2	3	0	0	0	0	3	1	2	
Carbon Tetrachloride	0	0	0	3	2	2	0	2	0	0	0	0	0	1	0	
Caustic	0	-	-	3	3	3	-	-	-	0	-	-	-	-	-	
Chlorinated Water	0	-	-	3	2	2	0	0	0	0	0	1	0	1	1	
Chlorine Water	0	-	-	3	1	1	1	0	0	-	0	1	-	0	-	
Chloroform	0	2	0	3	3	3	0	2	0	0	0	0	0	0	0	
Citric Acid	1	0	0	3	2	3	0	2	3	3	2	3	-	3	-	
Copper Sulfate	-	-	-	3	3	3	1	3	3	2	3	3	-	3	-	
Creosols	2	-	1	3	3	-	-	2	2	-	0	0	0	0	0	
Cresols	2	1	1	3	3	3	0	0	3	0	0	0	-	0	-	
Crude Oil	3	-	2	3	3	3	3	0	-	2	0	0	2	1	0	
Diesel Fuel	3	3	3	3	3	3	3	3	2	2	2	0	-	0	-	
Diethylamine	2	2	0	3	2	2	2	2	-	-	1	2	-	2	-	
Dyes	2	-	2	3	3	3	3	1	-	-	-	-	-	1	-	
Ethane	3	3	3	3	3	3	0	3	-	-	0	0	3	1	2	
Ethanol (Ethyl Alcohol)	2	2	2	3	3	3	1	3	-	3	3	3	3	3	0	
Ethanolamine	2	3	2	3	3	3	3	0	-	-	0	2	2	1	1	
Ether	2	1	1	3	3	3	3	3	-	-	0	1	-	0	-	
Ethyl Ether	1	1	1	2	2	2	2	2	0	-	0	0	0	0	0	
Ethyl Formate	1	-	3	2	2	2	-	3	0	0	-	1	0	2	-	
Ethylene Glycol	2	2	2	3	2	2	2	2	3	1	3	3	3	3	2	
Freon 32	0	3	3	3	3	3	-	3	-	-	-	3	3	3	-	
Gasoline	3	3	3	3	3	3	-	3	2	3	0	0	3	0	1	
Gelatin	2	3	0	3	3	3	2	2	-	2	3	3	3	3	0	
Glycol	2	-	2	2	2	2	1	2	-	-	3	3	-	3	-	
Grapefruit Oil	-	0	0	3	3	3	-	-	3	-	-	-	3	0	-	
Grease	3	3	3	3	3	3	-	0	3	-	-	0	-	0	-	
Heavy Water	3	-	1	2	3	-	-	-	-	2	-	3	3	-	0	
Hexane	3	3	3	3	3	3	2	1	2	3	1	0	3	0	2	
Hexanol	3	-	3	3	3	-	-	3	-	0	3	3	3	2	0	
Hexanol Tertiary	3	3	3	3	3	3	3	3	-	-	2	-	-	-	-	
Hexyl Alcohol	3	-	-	2	3	-	-	-	-	-	3	-	-	2	-	
Hexyl Alcohol	3	-	3	2	3	-	-	-	-	0	-	1	2	2	0	
Hexylene Glycol (Brake Fluid)	3	-	3	2	3	-	-	-	-	0	-	1	3	3	-	
Hydraulic Oil (Petro)	3	3	3	3	3	3	3	2	-	-	0	0	-	3	-	
Hydraulic Oil (Petroleum Base)	3	3	3	3	3	3	3	1	-	3	0	0	-	2	-	
Hydraulic Oil (Petroleum)	3	-	3	3	3	3	3	2	-	3	0	0	3	2	-	
Hydraulic Oil (Synthetic)	3	3	3	3	3	3	3	2	-	3	0	0	0	0	2	

3 = Excellent  
 2 = Good  
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 0 = Not recommended  
 - = No data

## Chemical resistance guide

Resistance guide																
Chemicals	Metals										Plastics & Elastomers					
	Aluminum	Carbon Steel	Cast/Ductile Iron	Nickel Plated Brass	303/304 Stainless Steel	1.4301 (V2A)	316 Stainless Steel	1.4401 (V4A)	PA6 PA66 Polyamide	POM Polyacetal	PVC Polyvinylchloride	TPE-U/TPE-E Polyester	PP Polypropylene	EPR, EPDM	NBR Nitrile	CR Polychloroprene
Hydrazine	2	0	0	3	3	3	-	2	-	0	0	3	2	1	0	
Hydrochloric Acid - 10%	0	0	0	3	0	0	0	0	3	0	3	3	-	0	-	
Hydrochloric Acid - 37%	0	0	0	3	0	0	0	0	3	0	1	1	2	0	0	
Hydrogen Peroxide - 30%	3	2	0	3	2	2	0	0	3	0	2	2	-	0	-	
Hydrogen Peroxide - 90%	3	-	0	2	3	-	0	0	3	0	3	1	-	0	-	
Isopropyl Alcohol	3	3	3	3	3	3	0	3	-	3	3	2	3	2	0	
Isopropyl Amine	-	-	3	3	3	-	-	-	-	-	-	-	0	-	-	
Isopropyl Chloride	0	-	3	3	3	3	-	3	-	-	0	0	0	0	0	
Isopropyl Ether	2	3	3	3	3	3	3	0	-	-	0	0	2	0	2	
Jet Fuel (JP1 to JP6)	3	3	3	3	3	3	1	3	-	-	0	0	-	0	-	
Kerosene	3	3	3	3	3	3	3	3	3	1	0	0	3	0	2	
Ketchup	-	-	-	3	3	3	3	3	3	-	-	3	-	3	-	
Ketones	2	3	3	3	3	3	3	0	0	0	0	3	0	0	0	
Lacquers	3	1	1	2	3	3	3	0	0	0	0	0	0	0	0	
Lactic Acid	0	0	0	3	2	2	0	1	-	0	2	3	-	1	-	
Lactic Acid - 5% Solution	1	-	0	3	3	-	-	3	-	0	3	3	3	3	2	
Lard	3	3	3	3	2	3	3	2	-	2	2	0	-	0	-	
Lard Oil (Cold)	3	3	3	3	3	3	-	3	-	-	-	0	-	2	-	
Lard Oil (Hot)	3	3	3	3	3	3	-	3	-	2	2	0	3	2	1	
Latex	3	-	-	3	3	3	3	1	-	-	3	3	3	2	0	
Lubricants	3	3	3	3	3	3	3	3	3	3	2	0	-	0	-	
Lubricants (Petroleum)	1	-	3	3	3	3	3	3	3	3	0	0	3	2	2	
Lubricating Oil	3	3	3	3	3	3	3	3	3	3	3	0	-	2	-	
Methanol	2	3	3	3	3	3	2	3	-	2	3	3	3	3	0	
Methyl Acetate	2	2	2	2	3	2	3	2	0	1	0	1	0	0	0	
Methyl Acetone	3	3	3	2	3	3	3	0	-	0	3	1	0	-	-	
Methyl Bromide	0	3	3	3	3	3	0	0	0	0	0	0	2	0	0	
Methyl Ethyl Ketone (MEK)	2	3	3	3	3	3	1	1	0	2	0	3	0	0	0	
Methyl Formate	3	-	2	2	2	2	-	3	-	-	-	1	0	2	0	
Nitric Acid - 10%	0	0	0	1	3	3	0	0	3	0	0	2	-	2	-	
Nitric Acid - 70%	3	-	0	1	3	3	0	0	0	0	0	0	-	0	-	
Olive Oil	3	3	3	3	2	3	3	3	-	-	3	0	3	0	3	
Ozone	2	0	1	3	2	2	0	0	-	1	0	3	0	1	3	
Paint Thinner, Duco	0	2	2	3	2	3	3	3	0	-	0	0	0	0	0	
Paraffin	3	3	3	3	3	3	3	3	3	-	3	0	3	2	3	
Petroleum	0	-	1	3	3	3	3	2	2	2	2	0	-	2	-	
Petroleum Ether	2	-	2	3	3	3	3	3	2	-	3	0	3	0	2	
Phenol	2	-	0	3	3	-	-	3	2	0	1	-	0	0	0	
Phenol (10%)	3	0	0	3	2	2	0	2	2	-	2	2	-	0	-	
Phosphoric Acid - 10%	0	-	0	3	3	-	0	-	3	-	3	3	-	2	-	
Phosphoric Acid - 20%	0	-	0	3	3	2	0	0	3	-	3	3	2	2	1	
Salt Brine	1	0	0	1	2	0	3	2	2	3	3	3	-	3	-	
Salt Water	0	0	0	1	1	2	3	3	2	3	3	3	3	2	0	
Sea Water	0	0	0	1	1	1	3	3	3	3	3	3	3	2	3	
Sea Water (Brine)	3	-	1	1	3	-	3	3	3	-	3	3	-	2	-	
Sewage	0	0	0	2	3	3	-	3	-	2	3	1	3	2	0	
Silicone	2	3	3	3	3	3	3	3	-	3	3	3	-	3	-	
Silicone Grease	-	-	-	3	-	-	-	3	-	3	-	3	3	3	3	
Silicone Oil	2	3	2	3	3	3	3	3	-	2	3	3	3	0	3	
Silver Nitrate	0	1	0	3	2	2	3	3	-	0	2	3	2	3	3	



Resistance guide															
Chemicals	Metals										Plastics & Elastomers				
	Aluminum	Carbon Steel	Cast/Ductile Iron	Nickel Plated Brass	303/304 Stainless Steel 1.4301 (V2A)	316 Stainless Steel 1.4401 (V4A)	PA6 PA66 Polyamide	POM Polyacetal	PVC Polyvinylchloride	TPE-U/TPE-E Polyester	PP Polypropylene	EPR, EPDM	NBR Nitrile	CR Polychloroprene	TPU Polyurethane
Skydol 7000	-	-	-	3	3	-	-	3		0	-	3	0	0	0
Skydrol	-	-	-	3	-	-	1	-		2	-	3	-	0	-
Skydrol 500	-	-	-	3	3	-	1	3		1	-	3	0	0	0
Skydrol Hydraulic Fluid	-	-	-	3	3	-	1	-		-	-	3	-	0	-
Sodium Chloride	1	0	0	1	1	1	3	2		3	3	3	3	3	3
Sodium Hydroxide	0	-	2	3	3	-	1	0	2	-	3	3	-	2	-
Sodium Hydroxide (< 10%) (Caustic Soda)	-	-	-	3	-	-	-	-	3	-	-	-	-	-	-
Sodium Hydroxide (< 50%) (Caustic Soda)	-	-	-	3	-	-	-	-	3	-	-	-	-	-	-
Sodium Hydroxide (20%)	0	3	2	3	2	2	3	3	3	2	3	2	3	2	2
Sodium Hydroxide (50%)	0	0	0	3	2	2	3	3	3	1	3	2	0	1	2
Sulfur Dioxide	0	-	0	0	0	3	1	0	0	0	3	2	0	2	1
Sulfur Dioxide (dry)	2	3	3	0	0	3	2	2	3	1	3	3	-	0	-
Sulfur Dioxide Gas Dry	0	-	2	0	3	3	2	2	3	0	1	3	-	0	-
Sulfuric Acid - Concentrated	-	-	-	0	-	-	0	0	0	0	2	0	-	0	-
Sulfuric Acid (<10%)	0	1	0	0	0	1	1	0	2	3	3	3	0	0	0
Sulfuric Acid (10-75%)	0	0	0	0	0	0	0	0	1	-	3	2	-	0	-
Sulfuric Acid (75-100%)	0	0	0	0	1	0	0	-	0	1	1	2	-	0	-
Sulfuric Acid (hot concentrated)	0	0	0	0	0	1	0	-	0	-	0	0	-	0	-
Syrup	3	-	-	3	3	3	-	3	3	-	3	3	3	2	-
Toluene	3	-	3	3	-	3	3	-	0	-	0	-	-	0	-
Transformer Oil	3	-	2	3	3	3	3	1	-	-	0	0	3	1	3
Trichlorethylene	0	-	1	3	-	3	3	-	0	-	2	-	-	0	-
Turbine Oil	3	3	3	3	3	3	3	3	-	-	2	0	2	0	3
Turpentine	3	-	2	3	3	3	2	3	2	2	0	0	3	0	0
Unleaded Gasoline	3	-	3	3	-	3	3	-	-	-	0	-	-	0	-
Urea	2	-	2	2	2	2	1	3	3	2	3	3	2	2	2
Urine	2	3	2	3	3	3	2	1	-	-	3	3	3	0	-
Vegetable Oil	2	2	2	3	3	3	3	3	-	-	0	0	3	0	3
Vinyl Acetate	2	2	1	3	2	2	-	-	0	-	0	2	0	0	0
Water	3	0	0	3	3	3	-	3	3	3	2	3	-	3	-
White Spirit	-	-	-	3	-	3	3	3		3	3	-	-	-	-
Zinc Chloride	0	0	0	3	0	0	1	0	3	2	3	3	3	2	3

3 = Excellent  
 2 = Good  
 1 = Fair to poor  
 0 = Not recommended  
 - = No data















## Ingress protection

IEC 60529 IP Rating & NEMA 250 / UL50E Enclosures

IP suitability ratings are a system for classifying the degree of protection provided by enclosures of electrical equipment.

### Protection against Solid Bodies

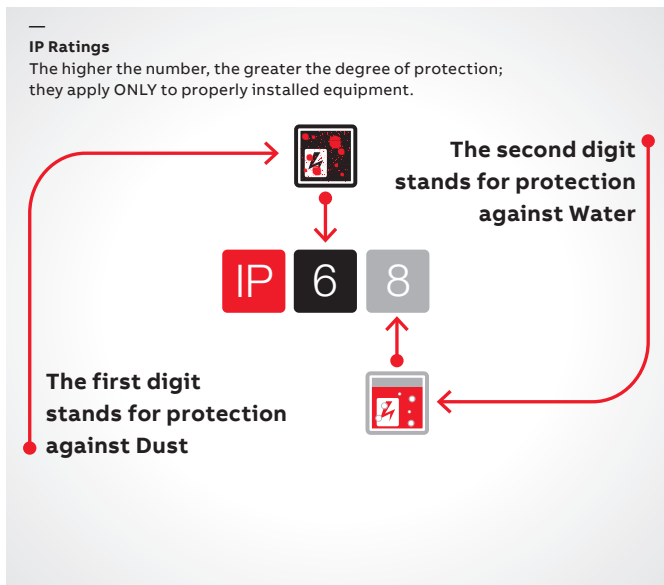
Degree of protection for persons against access to hazardous parts inside the enclosure and/or against the ingress of solid foreign objects.

		No protection
		Objects greater than 50 mm, accidental touch by hands
		Objects greater than 12 mm, accidental touch by fingers
		Objects greater than 2.5 mm, e.g. tools/wires
		Objects greater than 1 mm, e.g. tools/wires/small wires
		Protected against dust - limited ingress (no harmful deposits)
		Totally protected against dust (Dust-tight)

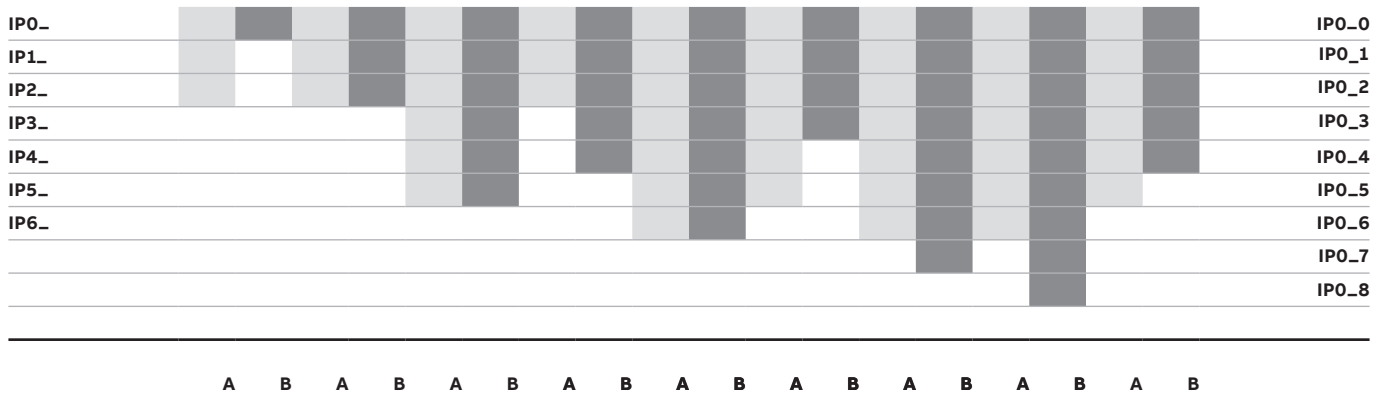
### Protection against Water

Degree of protection of equipment inside enclosures against damage from the ingress of water.

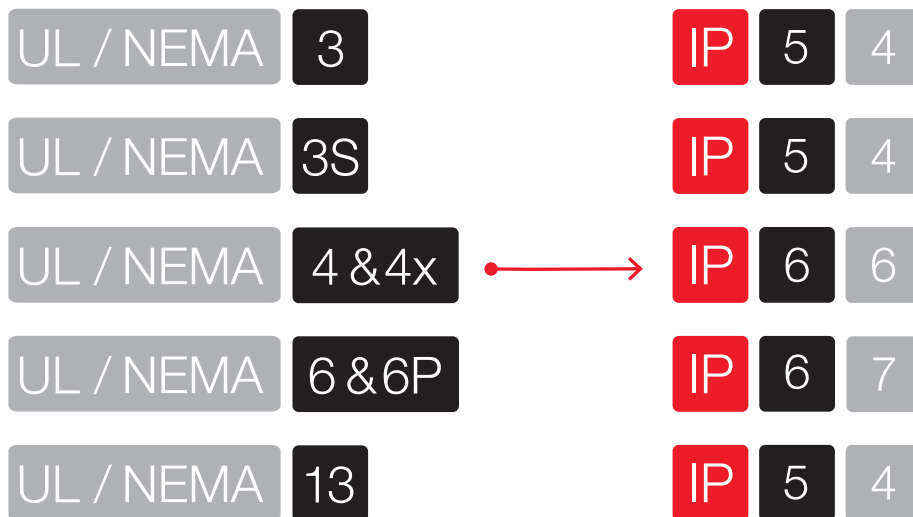
		No protection
		Protected against vertically falling drops of water
		Protected against direct sprays of water 15° from vertical
		Protected against sprays of water to 60° from vertical
		Protected against water sprayed from all directions - limited ingress permitted
		Protected against low pressure jets of water from all directions - limited ingress permitted
		Protected against strong pressure jets of water, heavy seas - limited ingress permitted
		Protection against the effects of immersion between 15cm - 1 m
		Protection against long periods of immersion under a quoted pressure, e.g. 2 bar at 24 hours
		IP69 Automotive standard DIN40050 and signifies resistance to high pressure jets of water (up to 80bar) from any angle



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**Conversion of NEMA & UL50E enclosure type ratings to IEC 60529 enclosure Classification Designations (IP)**  
 (Cannot be used to convert Classification Designations to NEMA & UL type ratings)











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**NEMA 250 / UL50E to IEC 60529**











# Certifications and Standards

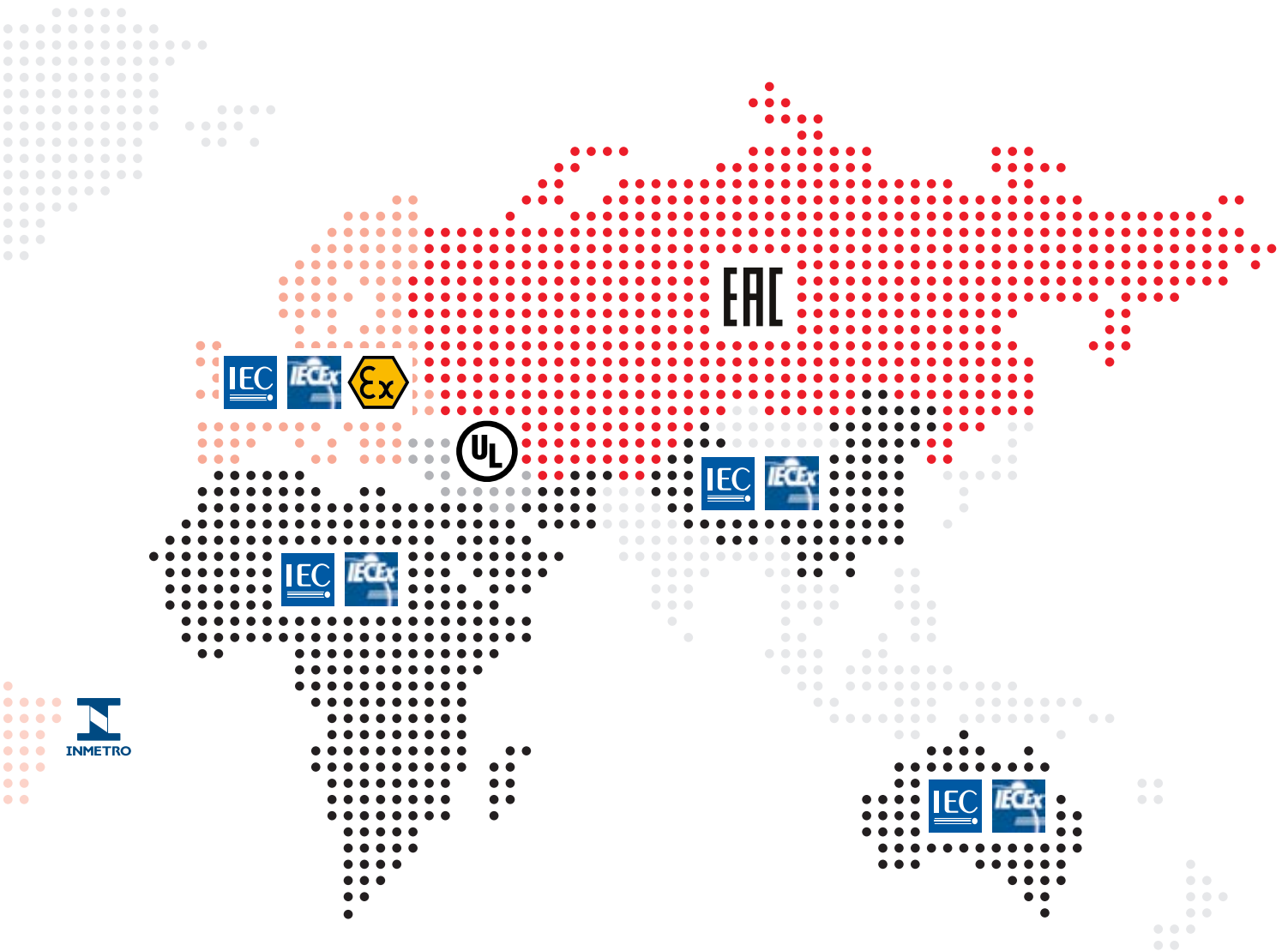
## Global Guide



-  Africa, Australia, Asia (IECEX)
-  Canada (CSA & IECEx)
-  South America (UL and IECEx)
-  Europe (ATEX and IECEx)
-  USA, Mexico (UL)
-  Brazil (InMetro)
-  Russia (EAC and EAC Ex)
-  Rest of World (Mixed and Local)

**World standards**

Region	Basic Electrical Code	Base Standard	Symbols	Hazardous Area Standards	Symbols
Europe	IEC	IEC/EN 62444 - Cable Glands	CE 	IEC/EN 60079-0 - General Requirements	EX  IECEX 
		IEC/EN 61386 - Conduit Systems		IEC/EN 60079-1 - Flameproof Equipment	
		IEC/EN 60529 - Ingress Protection		IEC/EN 60079-7 - Increased Safety IEC/EN 60079-31 - Dust Enclosure	
US	NEC	UL514B - Fittings	UL  UR 	UL2225 -xxxx	UL 
		UL360 - Electrical Conduit		UL1203 - xxxx	
		UL50E - Environmental Considerations			
Canada	CEC	CSA C22.2-18.3 - Fittings	CSA 	CSA C22.2-25 -30 -174 -94	CSA 
		CSA C22.2-54-04 - Electrical Conduit		CSA C22.2/IEC 60079-0 - General Requirements	
		CSA C22.2-227.3 - Protective Tubing		CSA C22.2/IEC 60079-1 - Flameproof Equipment	
				CSA C22.2/IEC 60079-7 - Increased Safety	
				CSA C22.2/IEC 60079-31 - Dust Enclosure	



World standards

Region	Basic Electrical Code	Base Standard	Symbols	Hazardous Area Standards	Symbols
Russia	IEC	IEC/EN 62444 - Cable Glands	EAC	ГОСТ Р МЭК 60079-0 - General Requirements	EAC Ex
		IEC/EN 61386 - Conduit Systems		ГОСТ Р МЭК 60079-7 - Increased Safety	
		IEC/EN 60529 - Ingress Protection		ГОСТ Р МЭК 60079-31 - Dust Enclosure	
				ГОСТ IEC 60079-1 - Flameproof Equipment	
Brazil	IEC	ABNT NBR IEC 62444 - Cable Glands	InMetro	ABNT NBR IEC 60079-0 - General Requirements	InMetro (Segurança)
		ABNT NBR IEC 61386 - Conduit Systems		ABNT NBR IEC 60079-1 - Flameproof Equipment	
		ABNT NBR IEC 60529 - Ingress Protection		ABNT NBR IEC 60079-7 - Increased Safety	
				ABNT NBR IEC 60079-31 - Dust Enclosure	
China	IEC	IEC/EN 62444 - Cable Glands	PCEC	GB3836.1 - General Requirements	CNEX
		IEC/EN 61386 - Conduit Systems		GB3836.2 - Flameproof Equipment	
		IEC/EN 60529 - Ingress Protection		GB3836.3 - Increased Safety	
				GB12476.1 - Dust General Requirements	
				GB12476.5 - Dust Enclosure	

## Index & useful information

### Order code classification

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5232	7TAD012100R0001	30
5233	7TAD012100R0002	22
5233	7TAD012100R0002	30
5234	7TAD012980R0037	22
5234	7TAD012980R0037	30
5235	7TAD012160R0000	22
5235	7TAD012160R0000	30
5236	7TAD012150R0000	22
5236	7TAD012150R0000	30
5237	7TAD012150R0001	22
5237	7TAD012150R0001	30
5238	7TAD012200R0000	22
5238	7TAD012200R0000	30
5239	7TAD012200R0001	22
5239	7TAD012200R0001	30
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5241	7TAD012140R0000	30
5242	7TAD012130R0000	22
5242	7TAD012130R0000	30
5243	7TAD012140R0001	22
5243	7TAD012140R0001	30
5244	7TAD012140R0003	22
5244	7TAD012140R0003	30
5245	7TAD012170R0000	22
5245	7TAD012170R0000	30
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5246	7TAD012170R0001	30
5247	7TAD012170R0002	22
5247	7TAD012170R0002	30
5248	7TAD012210R0000	22
5248	7TAD012210R0000	30
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5249	7TAD012210R0001	30
5250	7TAD012210R0002	22
5250	7TAD012210R0002	30
5251	7TAD012140R0004	22
5251	7TAD012140R0004	30
5252	7TAD012130R0001	22
5252	7TAD012130R0001	30
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5253	7TAD012130R0002	30
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5335SST6	7TAD012420R0130	51	5341GR	7TAD012420R0064	30	5346-NB		43
5335SST6HT	7TAD012420R0141	31	5341SST6	7TAD012420R0131	47	5346GR	7TAD012310R0030	22
5335SST6HT	7TAD012420R0141	47	5341SST6	7TAD012420R0131	51	5346GR	7TAD012310R0030	30
5335SST6HT	7TAD012420R0141	51	5341SST6HT	7TAD012980R0330	31	5346SST6	7TAD012420R0134	47
5336-HT	7TAD012420R0057	31	5341SST6HT	7TAD012980R0330	47	5346SST6	7TAD012420R0134	51
5336-NB		35	5341SST6HT	7TAD012980R0330	51	5346SST6HT	7TAD012980R0334	31
5336-NB		43	5342-HT	7TAD012420R0066	31	5346SST6HT	7TAD012980R0334	47
5336GR	7TAD012300R0008	22	5342-NB		35	5346SST6HT	7TAD012980R0334	51
5336GR	7TAD012300R0008	30	5342-NB		43	5347-HT	7TAD012420R0079	31
5336SST6	7TAD012390R0018	47	5342-PT	7TAD012100R0049	23	5347-NB		35
5336SST6	7TAD012390R0018	51	5342GR	7TAD012300R0016	22	5347-NB		43
5336SST6HT	7TAD012980R0328	31	5342GR	7TAD012300R0016	30	5347GR	7TAD012310R0032	22
5336SST6HT	7TAD012980R0328	47	5342SST6	7TAD012390R0020	47	5347GR	7TAD012310R0032	30
5336SST6HT	7TAD012980R0328	51	5342SST6	7TAD012390R0020	51	5347SST6	7TAD012420R0135	47
5337-HT	7TAD012420R0059	31	5342SST6HT	7TAD012420R0142	31	5347SST6	7TAD012420R0135	51
5337-NB		35	5342SST6HT	7TAD012420R0142	47	5347SST6HT	7TAD012980R0335	31
5337-NB		43	5342SST6HT	7TAD012420R0142	51	5347SST6HT	7TAD012980R0335	47
5337GR	7TAD012300R0010	22	5343-HT	7TAD012420R0069	31	5347SST6HT	7TAD012980R0335	51
5337GR	7TAD012300R0010	30	5343-NB		35	5348-HT		31
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5337SST6	7TAD012390R0019	51	5343-PT	7TAD012100R0050	23	5348-HT		47
5337SST6HT	7TAD012980R0327	31	5343GR	7TAD012300R0018	22	5348-HT		51
5337SST6HT	7TAD012980R0327	47	5343GR	7TAD012300R0018	30	5348-HT		51
5337SST6HT	7TAD012980R0327	51	5343SST6	7TAD012390R0021	47	5348GR	7TAD012420R0081	22
5338-HT	7TAD012420R0060	31	5343SST6	7TAD012390R0021	51	5348GR	7TAD012420R0081	30
5338-HT	7TAD012420R0060	47	5343SST6HT	7TAD012980R0331	31	5349-HT		31
5338-HT	7TAD012420R0060	47	5343SST6HT	7TAD012980R0331	47	5349-HT		47
5338-HT	7TAD012420R0060	51	5344-HT	7TAD012420R0071	31	5349-HT		47
5338-HT	7TAD012420R0060	51	5344-NB		35	5349-HT		51
5338GR	7TAD012310R0025	22	5344-NB		43	5349-HT		51
5338GR	7TAD012310R0025	30	5344-PT	7TAD012100R0051	23	5349GR	7TAD012300R0020	22
5339-HT	7TAD012420R0061	31	5344GR	7TAD012310R0027	22	5349GR	7TAD012300R0020	30
5339-HT	7TAD012420R0061	47	5344GR	7TAD012310R0027	30	5350-HT		31
5339-HT	7TAD012420R0061	47	5344SST6	7TAD012420R0132	47	5350-HT		47
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5339-HT	7TAD012420R0061	51	5344SST6HT	7TAD012980R0332	31	5350-HT		51
5339GR	7TAD012300R0012	22	5344SST6HT	7TAD012980R0332	47	5350-HT		51
5339GR	7TAD012300R0012	30	5344SST6HT	7TAD012980R0332	51	5350GR	7TAD012310R0035	22
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5340-HT	7TAD012420R0062	47	5345-NB		43	5351-NB		35
5340-HT	7TAD012420R0062	51	5345GR	7TAD012420R0075	22	5351-NB		43
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5351SST6HT	7TAD012980R0336	31	5356SST6	7TAD012390R0023	47	9330-NB		35
5351SST6HT	7TAD012980R0336	47	5356SST6	7TAD012390R0023	51	9330-NB		43
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5352-NB		43	5357-HT	7TAD012420R0100	31	9330SST6HT		51
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5352GR	7TAD012300R0022	30	5357GR	7TAD012310R0042	22	9332SST6		47
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5352SST6HT	7TAD012980R0337	31	5357SST6	7TAD012420R0136	51	9332SST6HT		51
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5352SST6HT	7TAD012980R0337	51	5357SST6HT	7TAD012980R0341	47	9333-NB		43
5353-HT	7TAD012140R0012	31	5357SST6HT	7TAD012980R0341	51	9333SST6		47
5353-NB		35	5358-HT		31	9333SST6		51
5353-NB		43	5358-HT		47	9333SST6HT		47
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5353GR	7TAD012300R0023	30	5358-HT		51	9334-NB		43
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5353SST6	7TAD012390R0022	51	5358GR	7TAD012420R0102	30	9334SST6		51
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5354-HT	7TAD012420R0092	31	5359-HT		47	9335-NB		43
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5355SST6	7TAD012420R0137	51	5386GR	7TAD012310R0048	30	9340-NB		35
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5355SST6HT	7TAD012980R0339	47	7344-TB	7TAD012330R0011	43	9340SST6		47
5355SST6HT	7TAD012980R0339	51	7344-TB	7TAD012330R0011	22	9340SST6		51
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9342SST6HT		51	9352SST6		51	9357SST6HT		51
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9343SST6HT		47	9352TB	7TCD012330R0092	22	9366SST6HT		31
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P CLIP/50		23	WMG-LT3	7TAD012430R0003	25	WMG-LT9	7TAD012430R0009	35
P CLIP/50		25	WMG-LT3	7TAD012430R0003	31	WMG-LT9	7TAD012430R0009	39
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## Notes

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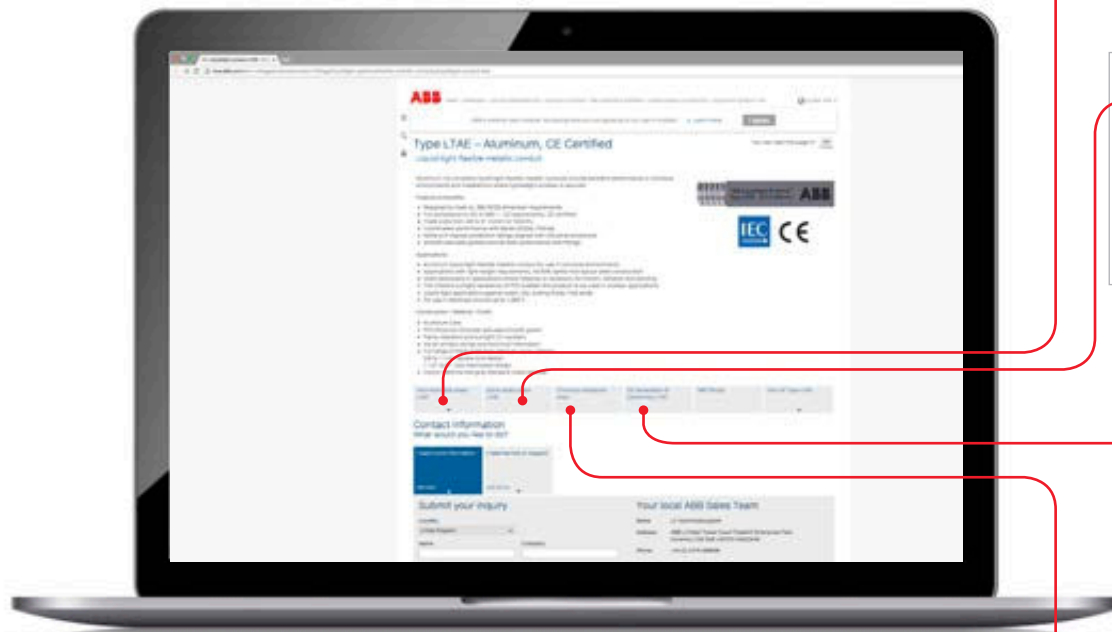
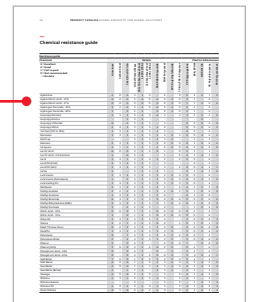
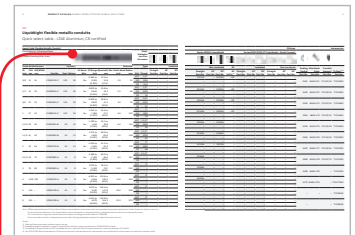
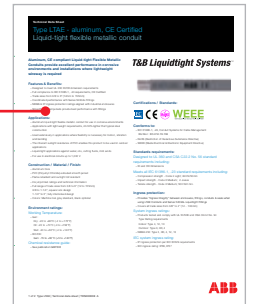


## Further information

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- Quick select tables
- Chemical resistance charts
- CE declarations of conformity
- Complete parts lists with detailed descriptions



### Additional information

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