

APPLICATION PROFILE

# Food and beverage Type A solutions

## T&B Liquidtight Systems®



The T&B Liquidtight Systems® brand encompasses the most complete portfolio of Type A solutions for food and beverage applications. With antimicrobial, nylon-reinforced Type A conduit and both stainless steel and non-metallic Type A fittings to choose from. T&B Liquidtight Systems has all the components you need for reliable Type A food and beverage system solutions.



**Key features and benefits:**

- Stainless steel and non-metallic fittings
- 3/8 to 2" trade sizes
- Straight and 90° elbow fittings
- Reinforced heavy-duty non-metallic conduits — **now available in antimicrobial**
- Excellent corrosion protection
- Superior, reliable ingress protection
- UL listed





**Typical applications**

- Food and beverage equipment
- Packaging equipment
- Food processing
- Meat packing
- Bottling and canning
- Mixers, blenders and fillers

Type A sample kits available to order!

Part no.  
**LTSTYPEA-KIT**



Type A application solutions		
Food production zones	Corrosive and caustic cleaners High pressure washdown	Corrosive and caustic cleaners High pressure washdown
System ingress protection	UL 4/4X/12, IP69	UL 4/4X/12, IP69
Type A non-metallic conduit (LFNC-A)		
Product summary	TYPEAFxxL-...  cULus NSF Food and bev non-metallic	TYPEAxx-...  cULus General purpose non-metallic
Approvals and certifications		
UL 1660	Yes	Yes
CSA 22.2 No. 227.2	Yes	Yes
NSF approval	Yes	—
FDA compliant	Yes	—
RoHS	Yes	Yes
Trade sizes		
UL (inches)	½ to 2	¾ to 2
CSA (mm)	20 to 53	16 to 53
Materials		
Core	Mesh web, dual layer	Mesh web, dual layer
Jacket material	PVC, dual layer, FDA compliant	PVC, dual layer
Antimicrobial	Yes	—
Jacket color (standard)	Blue	Orange
UL bond wire (½ to 1¼")	—	—
Temperature ratings (see technical data sheets for complete ratings)		
UL/CSA	-18 to +105 °C (0 to +221 °F)	-18 to +105 °C (0 to +221 °F)
General	-37 to +105 °C (-35 to +221 °F)	-30 to +105 °C (-22 to +221 °F)
Documentation		
Technical data sheet	TDS000700	TDS000630
Quick select table	TYPEA_B_QST_0423.pdf	TYPEA_QST_0722.pdf
Type A liquid-tight fittings		
Product offering	Stainless steel Bullet® fittings  cULus Series 630SST Stainless steel 316/304	Non-metallic Bullet® fittings  cULus Series 6300 Reinforced resin
Product range		
Trade sizes	½ to 2" (16 to 53 mm)	½ to 2" (16 to 53 mm)
Type	Straight and 90° elbows	Straight and 90° elbows
Approvals and certifications		
UL 514B listing	Yes	Yes
CSA C22.2, No. 56	Yes	Yes
NSF 169	—	—
RoHS	Yes	Yes
Materials		
Components	Stainless steel 316/304	Reinforced compound
Seals, insulators and gaskets	TPR	Neoprene
Thread types	NPT	NPT
Ingress protection		
UL listed/CSA certified	Type 4, 4X, 12	Type 4, 12
NEMA 250	Type 4, 4X, 12	Type 4, 4X, 12
IEC/EN 60529	IP66, IP69	IP66, IP69
Technical data sheet	TDS000628	TDS000592

Note: Product must be installed in accordance with applicable national and local electrical codes.

ABB Installation Products Inc.  
Electrification Business  
860 Ridge Lake Blvd.  
Memphis, TN 38120

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