

TECHNICAL DATA SHEET - INTERACTIVE PDF

# Type A Antimicrobial\* Non-metallic Conduit

## Antimicrobial\* Blue

### ***T&B Liquidtight Systems***<sup>®</sup>



Type A Antimicrobial\* conduit design, for use in Food & Beverage applications where frequent washdown and food safety are priorities

#### Certifications / Standards:



[3-Part Specification](#)  
[Tools and Calculators](#)

#### Features:

- Meets NEC<sup>®</sup> Article 356 (ANSI/NFPA-70) for flexible, liquidtight nonmetallic conduit
- Available in trade sizes ½" up to 2"
- Blue antimicrobial\* jacket material
- No metal core to fatigue from vibration or flexing
- Smooth, seamless inner core of flexible PVC that is bonded to a covering of flexible PVC
- Molded woven nylon mesh between layers for reinforcement
- Sunlight resistant (UV)

#### Applications:

- Designed to provide liquid-tight flexible cable connections between the fittings, conduits and enclosure wall
- For use with T&B liquid-tight Type A fittings to connect boxes or enclosures
  - Series 6300 non-metallic
  - Series 6300SST stainless steel
  - Series 3700 galvanized steel
- For use in outdoor or indoor locations, and exposed to continuous or intermittent moisture
- Typical applications include highly flexible raceway for electrical installations, OEM machines and panel builders in the Food & Beverage industry
- Ideal for use in installations where frequent wash-downs occur

#### Conforms to:

- UL 1660 (½" and ¾")
- CSA 22.2 No. 227.2 Type A
  - File: E95745

#### Material / Finish:

- Inner core: Flexible PVC with nylon reinforced braid
- Liquid-tight antimicrobial\* jacket: Flexible PVC
- Standard color: Blue

#### Working Temperature:

- UL:
  - Dry: -18°C to 105°C (-0°F to +221°F)
  - Wet: 60°C (140°F)
  - Oil: 70°C (158°F)

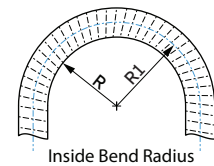
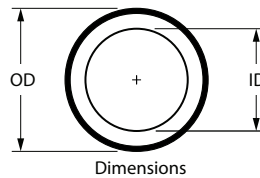
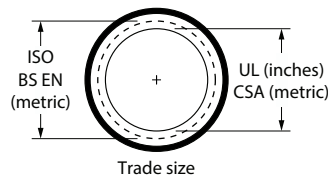
\*NOTE: Type A Antimicrobial NM Conduits provide no antimicrobial inhibitory activity beyond protection of the conduits themselves. They do not provide protection against specific pathogenic organisms, nor do they prevent growth of bacteria on adjacent or nearby surfaces. The antimicrobial efficacy of the material is designed to last for the life of the Type A antimicrobial NM conduits under normal use conditions.

## Type A non-metallic conduit, antimicrobial

### Product selection

Trade size			Carton						Standard reel			Bulk reel			Coil length		Weight	
UL	CSA	ISO BS EN	Part No.		Feet	Meter	Part No.		Feet	Meter	Part No.		Feet	Meter	lbs/ft	kg/m		
Inches	mm	mm																
½	16	20	TYPEAF50L-100		100	30	—		—	—	—		—	—	0.21	0.31		
¾	21	25	TYPEAF75L-100		100	30	—		—	—	—		—	—	0.31	0.46		
1	27	32	TYPEAF100L-100		100	30	—		—	—	—		—	—	0.42	0.62		
1¼	35	40	TYPEAF125L-100		100	30	—		—	—	—		—	—	0.61	0.91		
1½	41	50	TYPEAF150L-50		50	15	—		—	—	—		—	—	0.79	1.18		
2	53	63	TYPEAF200L-50		50	15	—		—	—	—		—	—	1.20	1.79		

NOTE: ½" & ¾" trade sizes available and remaining trade sizes are pending.



### Dimensions (Approximate)

Part No:	Trade size			Minimum inside bend radius (R1)		Minimum inside bend radius (R)		Inches				Millimeters			
	UL	CSA	ISO BS EN	NEC Ch. 9 Table 2		Static		Inside (ID)		Outside (OD)		Inside (ID)		Outside (OD)	
				Inches	mm	Inches	mm	Inches	mm	Min	Max	Min	Max	Min	Max
TYPEAF50L-100	½	16	20	4.0	101.6	3.0	76.2	0.620	0.640	0.910	0.930	15.7	16.3	23.1	23.6
TYPEAF75L-100	¾	21	25	5.0	127.0	4.0	101.6	0.815	0.835	1.150	1.170	20.7	21.2	29.2	29.7
TYPEAF100L-100	1	27	32	6.0	152.4	6.0	152.4	1.030	1.055	1.415	1.440	26.2	26.8	35.9	36.6
TYPEAF125L-100	1¼	35	40	8.0	203.2	7.0	177.8	1.370	1.395	1.800	1.825	34.8	35.4	45.7	46.4
TYPEAF150L-50	1½	41	50	10.0	254.0	8.0	203.2	1.585	1.620	2.045	2.080	40.3	41.1	51.9	52.8
TYPEAF200L-50	2	53	63	12.0	304.8	9.0	228.6	2.045	2.080	2.605	2.640	51.9	52.8	66.2	67.1

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