

TECHNICAL DATA SHEET - INTERACTIVE PDF

Conduit, Type A, non-metallic, flexible

T&B Liquidtight Systems®



Designed to provide UL Type A cable protection where liquid-tight Performance and high flexibility are required

Certifications / Standards:



3-Part Specification 26 05 33.24

End User Tools

Features:

- Meets NEC® Article 356 (ANSI/NFPA-70) for flexible, liquid-tight non-metallic conduit
- Available in trade sizes 3/8" up to 2"
- 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

Applications:

- Designed to provide liquid-tight flexible cable connection 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 3700 galvanized steel
 - Series 6300SST stainless steel
- For use in outdoor or indoor locations, and exposed to continuous or intermittent moisture
- Typical applications include raceway for general purpose industrial and commercial construction, machine OEMs, panel builders, indoor and outdoor installations

Conforms to:

- UL 1660
 - File: E95745
- CSA C22.2 No. 227.2 Type A
 - File: E95745

Material / Finish:

- Inner core: Flexible PVC with nylon reinforced braid
- Liquid-tight jacket: Flexible PVC
- Standard color: Safety orange, also available in black and grey

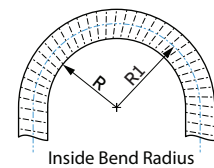
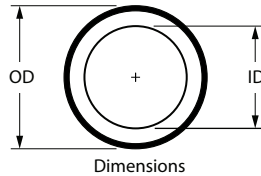
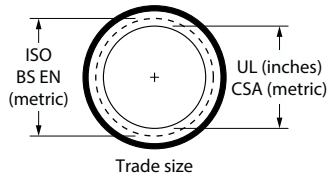
Working Temperature:

- UL:
 - Dry: -30°C to 105°C (-22 °F to +221°F)
 - Wet: 60°C (140°F)
 - Oil: 70°C (158°F)

Type A non-metallic flexible conduit

Product selection

Trade size			Carton						Standard reel			Bulk reel		Coil Length		Weight	
UL	CSA	ISO BS EN	Part No./GID		Feet	Meter	Part No./GID		Feet	Meter	Part No./GID		Feet	Meter	lbs/ft	kg/m	
Inches	mm	mm	Part No./GID		Feet	Meter	Part No./GID		Feet	Meter	Part No./GID		Feet	Meter	lbs/ft	kg/m	
3/8	12	16	TYPEA38-250		250	76.2	-		-		-		-		0.16	0.24	
			7TAD012540R0003														
1/2	16	20	TYPEA50-200		200	60.9	-		-		-		-		0.21	0.31	
			7TAD012530R0001														
3/4	21	25	TYPEA75-175		175	53.3	-		-		-		-		0.31	0.46	
			7TAD012530R0002														
1	27	32	TYPEA100-100		100	30.5	-		-		-		-		0.42	0.62	
			7TAD012530R0000														
1 1/4	35	40	TYPEA125-100		100	30.5	-		-		-		-		0.61	0.91	
			7TAD012540R0000														
1 1/2	41	50	TYPEA150-50		50	15.2	-		-		-		-		0.79	1.18	
			7TAD012540R0001														
2	53	63	TYPEA200-50		50	15.2	-		-		-		-		1.20	1.79	
			7TAD012540R0002														



Dimensions

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
TYPEA38-250	3/8	12	16	-	-	2.5	63.5	0.485	0.505	0.755	0.774	12.3	12.8	19.2	19.7
TYPEA50-200	1/2	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
TYPEA75-175	3/4	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
TYPEA100-100	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
TYPEA125-100	1 1/4	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
TYPEA150-50	1 1/2	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
TYPEA200-50	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.