

TECHNICAL DATA SHEET - INTERACTIVE PDF

Fittings, Series 6300 Non-metallic Liquid-tight Type A

For use with non-metallic Type A raceway

T&B Liquidtight Systems®



Glass filled reinforced thermoplastic components provide excellent durability in the most demanding applications for Type A conduit.

Certifications / Standards:



3-Part Specification End User Tools

Features:

- Trade sizes from ½" to 2" (16mm to 53mm)
- Trade sizes from 1½" to 2" (41mm & 53mm) come with "Push and Twist" feature for ease of assembly
- Straight and 90° elbow versions
- NPT threads
- Provided with a captive O-ring seal and locknut
- Ideal for use in highly corrosive environments

Applications:

- Designed to provide a liquid-tight connection between the fittings, conduits and enclosure wall
- Used to connect liquid-tight flexible non-metallic conduit Type A (LFN-A) to boxes or enclosures
- Typical applications include raceway for general purpose industrial and commercial construction, machine OEMs, panel builders, indoor and outdoor installations
- Liquid-tight applications against water, oils, cutting fluids, mild acids
- For use in electrical circuits up to 1,000 V

Material / Finishes:

- Thermoplastic, glass reinforced body and gland
- Neoprene O-ring
- Case-hardened steel locknuts with teeth for vibration resistance - zinc plated

Conforms to:

- UL 514B, Fittings for Cable and Conduit
 - File: E23018
- RoHS (Restriction of Hazardous Substances)
 - European Directive 2011/65 and Commission Delegated Directive 2015/863

UL & NEMA System Ingress Ratings:

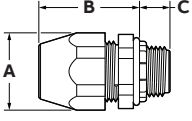
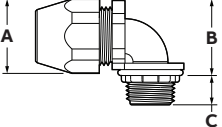
- UL & NEMA System Ingress Ratings
- UL File No.: E23018
 - Type 4, 4X, 12
- NEMA 250:
 - Type 4, 4X, 12

Ingress protection

- Helps provide "Ingress Integrity" between enclosures, O-ring gaskets, fittings and conduits
- O-ring Gaskets must be used to achieve ingress ratings
- Covers all trade sizes ½" to 2" (16mm to 53mm)

Series 6300 Non-metallic Type A Fitting

Product selection and approximate dimensions

Drawing	Part no.	Trade size			NPT thread	Inches			Millimeters			Weight	
		Inches	Metric	ISO BS EN		A	B	C	A	B	C	lbs.	kg
	6302	1/2"	16 mm	20 mm	1/2"	1 1/2"	1 11/16"	1 9/32"	38.1	42.9	0.079	0.10	0.05
	6303	3/4"	21 mm	25 mm	3/4"	1 3/4"	1 27/32"	5/8"	44.5	46.8	15.9	0.15	0.07
	6304	1"	27 mm	32 mm	1"	2 3/32"	2 9/32"	2 5/32"	53.2	23	19.8	0.23	0.10
	6305	1 1/4"	35 mm	40 mm	1 1/4"	2 21/32"	2 5/16"	1 1/16"	67.5	58.7	17.5	0.47	0.21
	6306	1 1/2"	41 mm	50 mm	1 1/2"	2 7/8"	2 6/32"	3 1/32"	73.03	55.57	24.61	0.38	0.17
	6307	2"	53 mm	63 mm	2"	2 19/32"	2 14/32"	3 1/32"	58.8	61.91	24.61	0.58	0.27
	6322	1/2"	16 mm	20 mm	1/2"	1 1/2"	1 9/16"	1 9/32"	38.1	39.7	0.079	0.14	0.06
	6323	3/4"	21 mm	25 mm	3/4"	1 3/4"	1 3/4"	5/8"	44.5	44.5	15.9	0.23	0.11
	6324	1"	27 mm	32 mm	1"	2 3/32"	1 25/32"	2 5/32"	53.2	45.2	19.8	0.34	0.16
	6325-TB	1 1/4"	35 mm	40 mm	1 1/4"	2 21/32"	2 1/8"	1 1/16"	67.5	54.0	17.5	0.70	0.32
	6326-TB	1 1/2"	41 mm	50 mm	1 1/2"	2 7/8"	3"	3 1/32"	73.03	76.20	24.61	0.54	0.24
	6327-TB	2"	53 mm	63 mm	2"	2 19/32"	3 5/8"	3 1/32"	65.88	92.08	24.61	0.84	0.38

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

