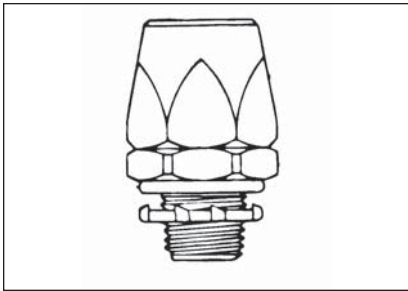


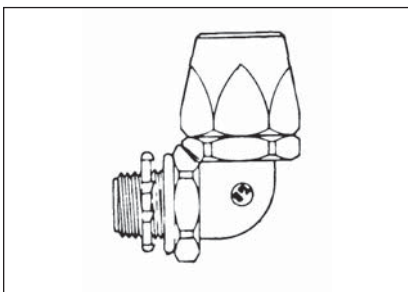
T&B Conduit Fittings

Liquidtight Flexible Nonmetallic Conduit Fittings

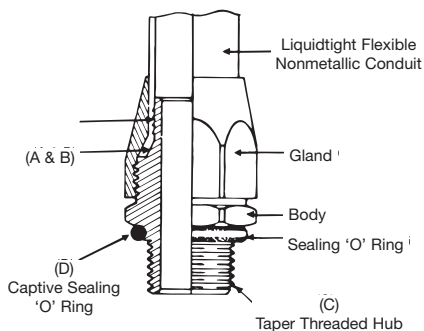
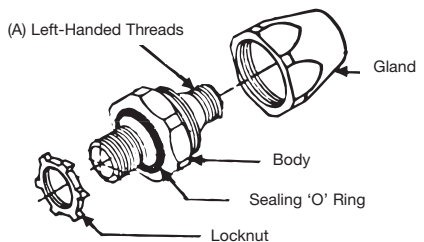
Specifications—Type A Conduit Fittings



Series 6302
Liquidtight Flexible Nonmetallic
Conduit Fittings



Series 6322
Liquidtight Flexible Nonmetallic
Conduit Fittings



Application

- To provide a liquidtight, dusttight connection between flexible, nonmetallic conduit and a box or an enclosure.

Features

- Serrated design provides high mechanical pullout strength (A).
- Unique component parts (body/gland) design insures positive seal between conduit and fitting (B).
- Tapered thread hub and sealing 'O' ring provide a liquidtight/dust tight seal to a box or an enclosure (C).
- High strength, chemical resistant, nonburning, nondripping thermoplastic construction.
- Smooth insulated body throughout for maximum dielectric strength.
- Captive 'O' ring and reduced number of parts save installation time (D).

Standard Material

Body	Thermoplastic
Gland	Thermoplastic
'O' Ring	Neoprene
Locknut	Steel (Case Hardened)

Standard Finish

Body, Gland & 'O' Ring	As Molded
Locknut	Electro Zinc

Range

- Conduit Size 1/2" thru 1-1/4"
- Hub Size 1/2" thru 1-1/4" N.P.T.

Suggested Specifications for Type A Conduit and Fittings

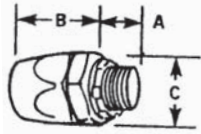
- Type A Liquidtight Flexible Nonmetallic Conduit shall be seamless type adequately reinforced with one or more layers of flexible braided reinforcing cords. Conduit jacket shall be of non-kinking oil resistant/water resistant flame retardant material suitable for ambient environmental conditions.
- Where Type A Flexible Nonmetallic Conduit terminates into a threaded or threadless opening, the conduit shall be cut square, deburred, installed with sufficient slack to reduce effects of vibration and assembled with approved fittings such as series 6302 or 3720 manufactured by

Thomas & Betts. Fittings shall be of malleable iron/steel/thermoplastic construction with taper-threaded hub and:

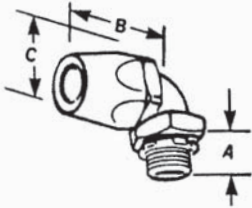
- (1) Ferrous metallic fittings shall be electro-zinc plated inside outside and equipped with a nylon insulated throat.
- (2) Thermoplastic fittings shall be of high impact chemical resistant, nonburning, nondripping thermoplastic.
- (3) Fittings shall be provided with a captive, moisture resistant/oil resistant synthetic rubber gasket.

T&B Conduit Fittings

Liquidtight Flexible Nonmetallic Conduit Fittings



Straight Fitting

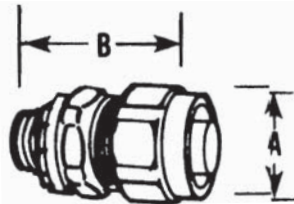


90° Angle Fitting

Designed especially for the Type A, all-plastic raceways now in use for dynamic machine tool applications.

Fittings are constructed of a high-strength, chemically resistant thermoplastic tougher than the raceway itself.

Neoprene sealing ring is furnished with fitting providing a liquidtight seal for knockout applications.



- Nylon insulated throat.
- T&B Sealing Ring to seal knockouts.
- Steel or malleable iron.
- U.L. Listed.
- NPT hub threads to seal in female threads.
- High mechanical pull-out strength.
- Provides positive seal against water, oil and dust.

Thermoplastic Fittings for Liquidtight Flexible Nonmetallic Conduit Type A



Cat. No.	Conduit Size	Dimensions (in.)		
		A	B	C Cross Corners
Straight Fitting				
6302	1/2"	.60	1.68	1.48
6303	3/4"	.61	1.85	1.76
6304	1"	.77	1.89	2.10
6305	1-1/4"	.79	2.30	2.67
90° Angle Fitting				
6322	1/2"	.60	1.56	1.48
6323	3/4"	.61	1.74	1.76
6324	1"	.77	1.78	2.10
6325	1-1/4"	.79	2.13	2.67

Corrosion Resistant Applications

Meets Coast Guard CG293

*Use with our LNM-P Conduit on p. 146

Liquidtight Flexible Nonmetallic Conduit Type A



Cat. No.	Conduit Size	Hub Thread	Dimensions (in.)	
			A	B
3720-TB*	3/8	1/2-14 NPT	1-5/32	2
3721-TB	1/2	1/2-14 NPT	1-3/8	2-1/8
3722-TB	3/4	3/4-14 NPT	1-5/8	2-1/4
3723	1	1-11-1/2 NPT	1-7/8	2-1/2
3724-TB	1-1/4	1-1/4-11-1/2 NPT	2-3/8	2
3725	1-1/2	1-1/2-11-1/2 NPT	2-3/4	3-3/8
3726	2	2-11-1/2 NPT	3-17/32	3-5/8

* Not U.L. Listed

For Dura-Plate™ Finish, add prefix 040- to Cat. No. Consult Customer Service for details.