

Type A Liquidtight Fittings and Flexible Non-Metallic Conduits

Fittings for Liquidtight Flexible Non-Metallic Conduit Type A

Series 6302

Connectors for
Liquidtight Flexible
Non-Metallic
Conduit —
Straight Thermoplastic



Series 6322

Connectors for
Liquidtight Flexible
Non-Metallic
Conduit —
90° Thermoplastic



Series 6302SST

Connectors for
Liquidtight Flexible
Non-Metallic
Conduit —
Straight Stainless Steel



Application

- To provide a liquidtight, dust-tight connection between flexible, non-metallic conduit and a box or an enclosure

Features

- Serrated design provides high mechanical pull-out strength
- Unique component parts (body/gland) design ensures positive seal between conduit and connector
- Tapered thread hub and furnished Neoprene sealing O-ring provide a liquidtight, dust-tight seal to a box or enclosure
- Smooth insulated body throughout for maximum dielectric strength
- Captive O-ring and reduced number of parts save installation time

Standard Material

Body Thermoplastic or 304 Stainless Steel
Gland Thermoplastic or 304 Stainless Steel
O-Ring Neoprene (6302/6322)
Sealing Gasket 316 Stainless Steel and Santoprene® Thermoplastic Rubber (6302SST)
Locknut Case-Hardened Steel (6302/6322) or 304 Stainless Steel (6302SST)

Standard Finish

Body, Gland & O-Ring As Molded
Locknut Electro Zinc (6302/6322)

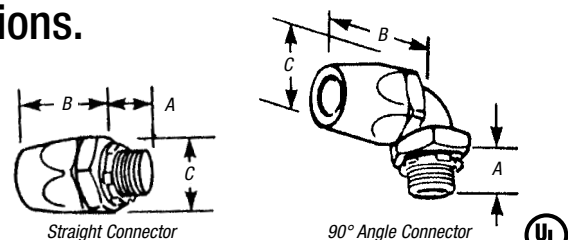
Range

Conduit Size ½" thru 1¼"
Hub Size ½" thru 1¼" NPT
Santoprene is a registered trademark of Advanced Elastomer Systems.

Designed for Type A all-plastic raceways used in dynamic machine tool applications.

Thermoplastic Fittings for Liquidtight Flexible Non-Metallic Conduit Type A

- High-strength thermoplastic construction — even tougher than the raceway itself!
- Chemical resistant — ideal for corrosive environments
- Non-burning, non-dripping thermoplastic material



CAT. NO.	CONDUIT SIZE	DIMENSIONS (IN.)		
		A	B	C
<i>Straight Connector</i>				
6302	½"	.60	1.68	1.48
6303	¾"	.61	1.85	1.76
6304	1"	.77	1.89	2.10
6305	1¼"	.79	2.30	2.67
<i>90° Angle Connector</i>				
6322	½"	.60	1.56	1.48
6323	¾"	.61	1.74	1.76
6324	1"	.77	1.78	2.10
6325	1¼"	.79	2.13	2.67
<i>Meets Coast Guard CG293</i>		<i>UL File No. E 23018</i>		

Meets Coast Guard CG293

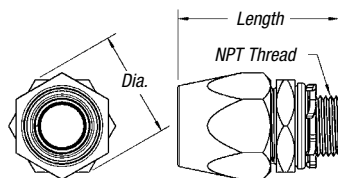
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Type A Liquidtight Fittings and Flexible Non-Metallic Conduits

Stainless steel construction for unbeatable strength and corrosion resistance!

Stainless Steel Fittings for Liquidtight Flexible Non-Metallic Conduit Type A

- Type 304 stainless steel body, gland and locknut
- Supplied with Series 5262 Sealing Gasket (see p. E-10)
- UL Listed and CSA Certified for use with Type A conduit only



CAT. NO.	CONDUIT SIZE	DIA. (IN.)	LENGTH (IN.)
Straight Connector			
6302SST	½"	1.43	2.10
6303SST	¾"	1.72	2.55
6304SST	1"	2.00	2.60
6305SST	1¼"	2.88	3.10

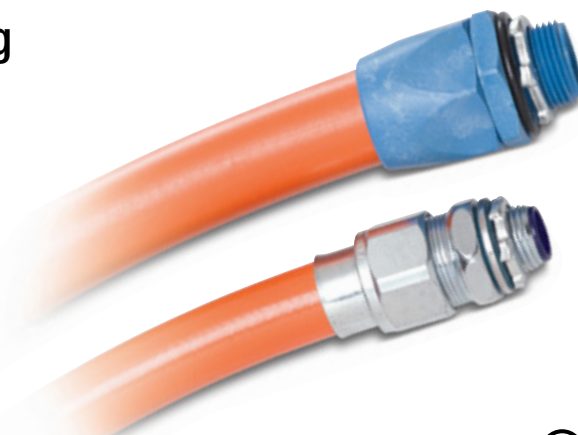
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Ideally suited for continuous flexing applications or vibration.

Type A Non-Metallic Flexible Conduit

- No metal core to fatigue from flexing or vibration
- Smooth, seamless inner core of flexible PVC that is bonded to a covering of flexible PVC. Between these layers is a woven nylon mesh molded for reinforcement
- Available in sizes from ⅜" to 2"
- Working Temperatures: -20° C to 60° C
- Sunlight resistant
- UL Listed (conforms to UL Standard ANSI/UL 1660 Type A) UL file: E95745
- CSA Certified (conforms to CSA 22.2 No. 227.2 Type A)
- Meets NEC® Article 356 (ANSI/NFPA-70) for flexible, liquidtight non-metallic conduit

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CAT. NO.	SIZE	STD. PKG. QTY.
Type A Flexible, Non-Metallic Conduit		
TYPEA38-250	⅜"	250 ft.
TYPEA50-200	½"	200 ft.
TYPEA75-175	¾"	175 ft.
TYPEA100-100	1"	100 ft.
TYPEA125-100	1¼"	100 ft.
TYPEA150-50	1½"	50 ft.
TYPEA200-50	2"	50 ft.