

Conduit and Conduit Fittings

Liquidtight Conduit



Features

- Flexible in tight applications
- Resists corrosion, oil, and water, liquid tight with specified fittings
- Fast installation—smooth inner surface allows easy wire pulling
- Good tensile strength provides excellent pullout protection
- UV resistant PVC
- VW-1 Flammability Rating
- Broad operating temperature range of -4°F to 158°F (-18°C to 70°C)
- UL Recognized, CSA Certified

Applications

- Suitable for use in high vibration or flexing applications
- Alternative energy systems
- Exterior/interior power systems
- Marine and shipboard wiring
- Indoor/outdoor lighting
- Protection for fiber optic cable
- Installation of control and instrumentation cable
- Flexing-component wiring protection on robots, graphic arts equipment, etc.



Non-metallic Liquidtight Conduit

Part Number	Conduit Size	Min ID	Max ID	Min OD	Max OD
EFC025	1/4"	.390"	.405"	.560"	.575"
EFC038	3/8"	.484"	.504"	.690"	.710"
EFC050	1/2"	.622"	.642"	.820"	.840"
EFC075	3/4"	.820"	.840"	1.030"	1.050"
EFC100	1"	1.041"	1.066"	1.290"	1.315"
EFC125	1 1/4"	1.380"	1.410"	1.630"	1.660"
EFC150	1 1/2"	1.575"	1.600"	1.865"	1.900"
EFC200	2"	2.020"	2.045"	2.340"	2.375"

Cable Glands

Non-Metallic Polyamide Cable Glands have a sturdy cable sealing mechanism that gives superior strain relief. Compact size allows quick and easy installation in cramped spaces. Excellent impact, chemical, and corrosion resistance. Long-thread. Nylon locknuts included.

- Watertight seal, rated up to IP 68-5 BAR
- Working temperatures: -20°C (-13°F) to 100°C (212°F) continuous, -40°C (-40°F) static short term
- UL Listed, C-UL Listed for certain cable ranges
- Flame retardant UL 94VO
- Wide clamping ranges



Nylon Cable Glands

Part Number	Color	Thread Size	Cord Range		Thread Length	
			In.	mm	In.	mm
CC-NPT38-B	Black	3/8"	.197 - .394	5 - 10	.590	15
CC-NPT12-B	Black	1/2"	.394 - .551	10 - 14	.590	15
CC-NPT34-B	Black	3/4"	.512 - .709	13 - 18	.590	15
CC-NPT1-B	Black	1"	.709 - .984	18 - 25	.709	18

Locknuts

Steel and Nylon 6/6 Locknuts feature NPS threads for use with NPT threaded Liquidtight fittings. Nylon locknuts have a 94V-2 flammability rating and -22°F (-30°C) to 221°F (105°C) operating temperature.

Steel

Part Number	Size
LNS-38	3/8"
LNS-12	1/2"
LNS-34	3/4"
LNS-1	1"
LNS-1-14	1 1/4"
LNS1-12	1 1/2"
LNS-2	2"



Black Nylon 6/6

Part Number	Size
LN-501	1/2"
LN-502	3/4"
LN-503	1"



Liquidtight Fittings

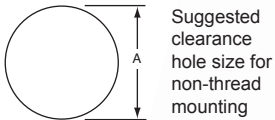


Straight Liquidtight Fitting

Part Number	Trade Size	Thread Size	A Clearance Hole		B Max. O.A. Length		C Thread Length		D Wrenching Nut Thickness		E Wrenching Flat Size	
			In.	mm	In.	mm	In.	mm	In.	mm	In.	mm
LT50P	1/2	1/2 NPT	0.875	22.2	1.960	49.8	0.630	16.0	0.250	6.3	1.328	33.7
LT75P	3/4	3/4 NPT	1.109	28.1	2.040	52.8	0.630	16.0	0.250	6.3	1.562	39.6
LT100P	1	1 NPT	1.375	34.9	2.250	57.2	0.780	19.8	0.250	6.3	1.812	46.0
LT125P	1 1/4	1 1/4 NPT	1.734	44.0	2.070	52.6	0.685	17.4	0.250	6.3	2.150	54.6
LT150P	1 1/2	1 1/2 NPT	1.984	50.4	2.280	57.9	0.780	19.8	0.275	7.0	2.400	61.0
LT200P	2	2 NPT	2.469	62.7	2.260	66.0	0.850	21.6	0.312	7.9	2.980	75.6

90° Elbow Liquidtight Fitting

Part Number	Trade Size	Thread Size	A Clearance Hole		B Max. O.A. Length		C Max. O.A. Length		D Thread Length	
			In.	mm	In.	mm	In.	mm	In.	mm
LT950P	1/2	1/2 NPT	0.875	22.2	1.982	50.3	2.912	73.9	0.520	13.2
LT975P	3/4	3/4 NPT	1.109	28.1	2.293	58.2	3.172	80.5	0.520	13.2
LT9100P	1	1 NPT	1.375	34.9	2.833	71.9	3.964	100.6	0.690	17.5
LT9125P	1 1/4	1 1/4 NPT	1.734	44.0	4.100	104.1	4.725	104.1	0.760	19.3
LT9150P	1 1/2	1 1/2 NPT	1.984	50.4	4.750	120.7	5.200	132.1	0.800	20.3
LT9200P	2	2 NPT	2.469	62.7	5.420	137.7	5.800	147.3	0.860	21.8



Liquidtight conduit and fittings in use at a wind/solar installation in rural Alaska

Liquidtight Fittings of all Nylon 6/6 construction resist saltwater, weak acids, gasoline, alcohol, oil, grease, and common solvents. Simple and quick installation—no disassembly or threading required.

Features

- Convex ferrule ensures liquid tight seal
- Locknut and O-ring included
- Protection class IP 68 up to 70 psi (5 bar) water pressure
- 94V-2 Flammability Rating
- Suitable for indoor/outdoor use at -22°F (-30°C) to 221°F (105°C)
- UL Listed E28432, CSA Certified

