











Liquidtight Fittings

Overview

Our liquidtight product line offers high quality, high performance fittings. Designed to the toughest standards and integrating the latest technology, not only do you get a reliable and durable product, you also get one that reduces installation time and cost. Our versatile lines of liquidtight fittings are designed for a wide range of industrial, commercial and residential applications. Choose from our Liquidator™, LiQuik™, zinc die cast, non-metallic or low profile liquidtight fittings.

Liquidtight Fittings Selection Chart:

	Family	Material	Size/Range	Configurations	Typical Applications
	Liquidator™	Malleable Iron	3/8" - 6"	Straight, 45°, 90°	For use with LFMC in tough, industrial, corrosive applications
	Liquidator LT SA Aluminum	Copper-free Aluminum	3/8" - 4"	Straight (3/8" through 4"), 90° (3/8" through 2")	Used where aluminum material is preferred in tough, industrial, corrosive applications
	LTK Low Profile	Steel/Malleable Iron	3/8" - 2"	Straight, 45°, 90°	Used where there are space restrictions in tough, industrial, corrosive applications
	LTQ LiQuik™	Malleable Iron	3/8" - 2"	Straight (3/8" through 2"), 45° & 90° (1/2" through 1")	Labor saving, no disassembly, in tough, industrial, corrosive applications
	LTDC Zinc Die Cast	Zinc Die Cast	3/8" - 4"	Straight, 90°	Used where zinc die cast material is preferred in tough, industrial, corrosive applications
	LTNM Non-metallic	Nylon	3/8" - 2"	Straight, 90°	Use with non-metallic Type B LT conduit in corrosive, commercial and residential applications
	LT US Product of the USA	Steel/Malleable Iron	3/8" - 4"	Straight, 45°, 90°	When Product of the USA material is specified in tough, industrial, corrosive applications
	LTS Steel	Tubular Steel	1/2" - 2"	Straight Only	For use in cost-competitive applications in light industrial and commercial applications
	LT SS Stainless Steel	304 Stainless Steel	1/2" - 2"	Straight, 90°	Used where corrosion resistance is required in tough, industrial, corrosive applications
	Space-Saver	Malleable Iron	3/8" - 1"	Straight Only	Used where space restrictions occur in tough, industrial, corrosive applications

Liquidtight

Product Features	User Benefits
UL Listed; cUL certified	Assurance of safe and reliable performance; end-user peace of mind
Provides protection in wet locations	Meets NEC and UL requirements for use in wet locations; reduces downtime and replacement costs
Available in various configurations in various trade sizes and materials	Complete selection of styles and sizes; easy selection from one source, saves time and money
Hex surfaces on gland nut and body	Easy wrenching; fast, easy installation results in labor savings
Sealing gasket effectively seals out water, oil, dust and dirt	Eliminates leakage, potential downtime and replacement costs
Locknut bites into box; won't vibrate loose	Provides a reliable ground and safety of personnel and equipment
Cupped long grounding ferrule is distortion-free	Provides excellent pull-out strength, prevents conduit pop-out and provides grounding for safety of personnel and equipment
Concrete tight	Provides rugged durability in concrete applications

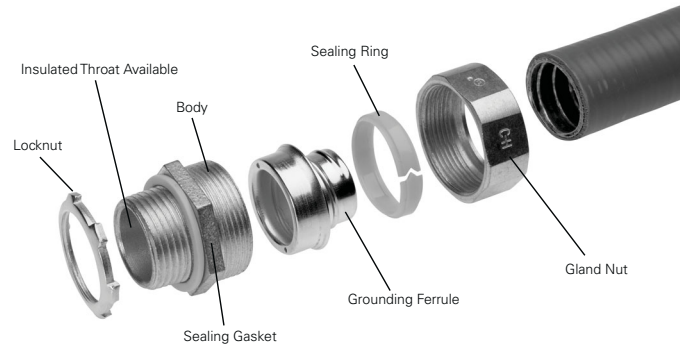
Liquidtight Fittings

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Applications:

Typical applications for liquidtight conduit and liquidtight fittings include the wiring of machine tools, motors, transformers, food processing equipment, robotics, air conditioning units, illuminated storefront signs and billboards, etc. The flexible metallic conduit and fittings protect conductors from mechanical damage due to vibration and movement, and seal out cutting oils, coolants, water, dust, etc. Applications such as these can be found in, but are not limited to, industries such as:

- Machine tool manufacturers
- Electric power generating plants
- Waste treatment facilities
- Paint manufacturing facilities
- Automobile manufacturing facilities
- Aerospace industries
- Breweries
- Food processing plants
- Dairies
- Pulp and paper mills
- Petroleum refineries
- Chemical and petrochemical plants



Features:

- Liquidtight, raintight, oiltight for protection and long life in wet, dusty and corrosive environments
- Hex shaped gland nut allows for easy wrenching, providing a fast, tight installation
- Suitable for wet locations
- Reusable, long ferrule prevents pull-out and tight bend conduit pop-out
- Furnished with locknut and sealing ring
- Third party certified
- Available in insulated and non-insulated versions to meet any customer preference

Certifications and Compliances:

- UL Listed liquidtight flexible metal conduit fittings are suitable for use in the following hazardous locations under NEC:
 - Class I, Division 2;
 - Class II, Divisions 1 & 2; and
 - Class III, Divisions 1 & 2;
 - Suitable for grounding in sizes 3/8" through 1 1/4" under NEC
- UL Standards 514B, 467
- cUL Standard C22.2 No. 18F
- UL File No. E-19189



Liquidtight Fittings

Stainless Steel Liquidtight Conduit Fittings

Applications:

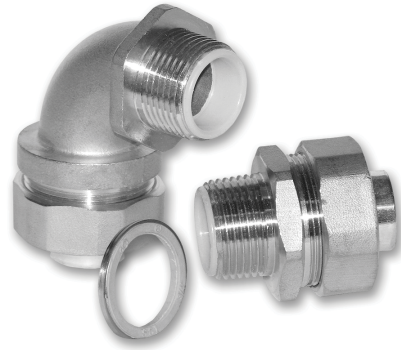
- Used in tough, industrial and standard applications
- Made of strong, corrosion-resistant, 304 stainless steel for long, dependable service where superior corrosion resistance and/or strength is required

Features:

- Liquidtight, raintight, oiltight for protection and long life in wet, dusty and corrosive environments
- Hex shaped gland nut allows for easy wrenching, providing a fast, tight installation
- Suitable for wet locations
- Reusable, long ferrule prevents pull-out and tight bend conduit pop-out
- Furnished with locknut and sealing ring
- Third party certified
- Available in straight and 90 degree configurations
- Available in sizes 1/2" to 2"

Certifications and Compliances:

- UL Listed liquidtight flexible metal conduit fittings are suitable for use in the following hazardous locations under NEC:
 - Class I, Division 2;
 - Class II, Divisions 1 & 2; and
 - Class III, Divisions 1 & 2;
 - Suitable for grounding in sizes 3/8" through 1 1/4" under NEC
- UL Standards 514B, 467
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- UL File No. E-19189



Standard Materials:

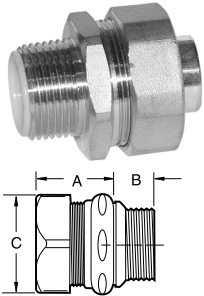
- Body – straight: 304 stainless steel
90°: 304 stainless steel
- Gland nut – 304 stainless steel
- Ferrule – steel
- Gland nut sealing ring – nylon
- Sealing gasket – polypropylene
- Locknut – stainless steel

Standard Finish:

- 304 stainless steel – natural

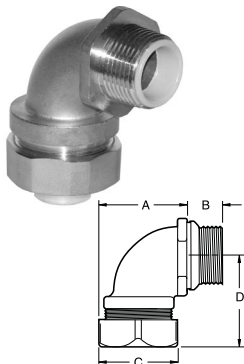
Liquidtight

Straight Connectors – 304 Stainless Steel



Trade Size	Cat. # Insulated	Unit Qty.	Wt. Lbs. Per 100	A	B	C
1/2"	LTB50SS	25	21	1.250	0.500	1.250
3/4"	LTB75SS	25	28	1.250	0.500	1.563
1"	LTB100SS	5	46	1.438	0.625	1.813
1 1/4"	LTB125SS	5	57	1.500	0.688	2.250
1 1/2"	LTB150SS	2	68	1.625	0.750	2.438
2"	LTB200SS	1	103	1.750	0.750	3.000

90° Angle Connectors – 304 Stainless Steel



Trade Size	Cat. # Insulated	Unit Qty.	Wt. Lbs. Per 100	A	B	C	D
1/2"	LTB5090SS	25	30	1.438	0.500	1.250	1.625
3/4"	LTB7590SS	10	43	1.625	0.500	1.563	1.750
1"	LTB10090SS	10	73	2.313	0.625	1.813	2.125
1 1/4"	LTB12590SS	5	96	2.375	0.688	2.250	2.250
1 1/2"	LTB15090SS	2	104	3.688	0.750	2.438	2.375
2"	LTB20090SS	1	143	3.813	0.750	3.000	2.750

Liquidtight Fittings

Stainless Steel Liquidtight Accessories

SEALING GASKETS (ORDER SEPARATELY)

Applications:

- To form a raintight seal between a conduit fitting and the outside of a box

Features:

- Gasket is designed to provide superior sealing for customer applications
- Constructed of stainless steel to provide extreme durability in the most corrosive applications

Certifications and Compliances:

- UL Listed
- cUL Listed

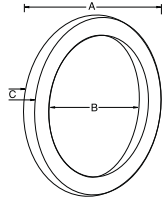


Standard Materials:

- Ring – stainless steel
- Gasket – neoprene rubber

Standard Finishes:

- Stainless steel – natural
- Neoprene rubber – natural



Trade Size	Cat. #	Unit Qty.	Wt. Lbs. Per 100	A	B	C
1/2"	SG1SS	50	50	1.125	0.813	0.188
3/4"	SG2SS	25	25	1.375	1.125	0.188
1"	SG3SS	25	25	1.625	1.313	0.188
1 1/4"	SG4SS	5	5	2.000	1.625	0.188
1 1/2"	SG5SS	5	5	2.250	1.875	0.188
2"	SG6SS	5	5	2.750	2.313	0.188

LOCKNUTS (ORDER SEPARATELY)

Applications:

- 316 stainless steel locknuts can be used with conduit or NPS threaded pipe

Features:

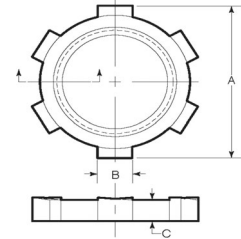
- Precision machined threads allow for easy installation
- Heavy stock thickness and specially designed tabs tighten securely and will not easily loosen even in the most severe applications

Standard Material:

- Locknut – stainless steel

Standard Finish:

- Stainless steel – natural



Trade Size	Cat. #	Unit Qty.	Wt. Lbs. Per 100	A	B	C	Threads/Inch
1/2"	11SS	1000	2	1.313	0.250	0.190	14.000
3/4"	12SS	500	3	1.613	0.312	0.220	14.000
1"	13SS	500	5	1.863	0.380	0.260	11.500
1 1/4"	14SS	100	7	2.250	0.380	0.260	11.500
1 1/2"	15SS	100	10	2.562	0.438	0.270	11.500
2"	16SST	100	21	3.063	0.602	0.280	11.500