

UL File No. E-19189

## Applications:

Typical applications for liquidtight conduit and the Liquidator include the wiring of machine tools . . . motors . . . transformers . . . food processing equipment . . . robotics . . . air conditioning units . . . illuminated store front signs and billboards . . . etc. The flexible metallic conduit and fittings protect conductors from mechanical damage due to vibration and movement and seals 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.

## Compliances:

- NEC: Class I, Division 2  
Class II, Divisions 1 and 2  
Class III, Divisions 1 and 2
- UL Standards: 514B, 467
- CSA Standard: C22.2 No. 18

## FEATURES AND BENEFITS:

### Product Features

- UL and cUL Listed
- Provided protection in wet locations
- Straight available in 3/8" through 6" sizes; 45° and 90° available in 3/8" through 4" sizes.
- Malleable iron bodies and gland nuts with zinc electroplate; steel ferrules and locknuts with zinc electroplate.
- Cupped grounding ferrule is distortion-free and reusable.
- Split polyethylene sealing ring is reversible.
- Grooves inside sealing ring. Jacket of liquidtight conduit will cold flow into grooves.
- Reusable design.
- Hex surfaces on gland nut and body.
- Thermoplastic elastomer sealing gasket effectively seals out water, oil, dust and dirt.
- Steel locknut bites into box.
- Available with or without insulated throats.
- Insulated throat versions, 105°C rated nylon.

## Standard Materials:

- Body – Straight: 3/8" through 6" – malleable iron or aluminum  
45° and 90°: 3/8" through 4" – malleable iron or aluminum
- Gland nut – malleable iron or aluminum
- Ferrule – 3/8" through 6" – steel
- Gland nut sealing ring – polyethylene
- Sealing gasket – thermoplastic elastomer
- Locknut – steel



## Standard Finishes:

- Steel and malleable iron – zinc electroplate
- Polyethylene, thermoplastic elastomer, aluminum and die cast – natural

## User Benefits



- Assurance of safe and reliable performance. End user peace of mind.
- Meets NEC and UL requirements for use in wet locations. Reduces downtime and replacement costs.
- Complete selection of styles and sizes. Easy selection from one source, saves time and money.
- High strength and excellent corrosion resistance. Long service life, eliminates the need for replacement.
- Provides excellent pullout strength and grounding for safety of personnel and equipment.
- Easy to install. Cannot be installed incorrectly. Saves labor.
- Eliminates leakage, potential downtime and replacement costs.
- Protection against vibration.
- Can be disassembled and reused. Cost savings.
- Easy wrenching. Fast, easy installation results in labor savings.
- Eliminates leakage, potential downtime and replacement costs.
- Provides a reliable ground and safety of personnel and equipment. Won't vibrate loose.
- One-stop source to meet user needs. Saves time and money.

## STRAIGHT CONNECTORS – NON-INSULATED – MALLEABLE IRON

	Cat. #	Conduit Size	Unit Quantity	Standard Package	Weight Lbs. Per 100
	LT-38	3/8"	25	100	18
	LT-50	1/2"	25	100	20
	LT-75	3/4"	25	100	26
	LT-100	1"	5	50	45
	LT-125	1 1/4"	5	25	69
	LT-150	1 1/2"	2	20	85
	LT-200	2"	1	10	120
	LT-250	2 1/2"	1	5	340
	LT-300	3"	1	5	430
	LT-350	3 1/2"	1	5	510
	LT-400	4"	1	5	600
	LT-500†	5"	1	1	800
	LT-600†	6"	1	1	1075

† Not UL Listed or CSA Certified

## STRAIGHT CONNECTORS – INSULATED – MALLEABLE IRON

	Cat. #	Conduit Size	Unit Quantity	Standard Package	Weight Lbs. Per 100
	LTB-38	3/8"	25	100	18
	LTB-50	1/2"	25	100	20
	LTB-75	3/4"	25	100	26
	LTB-100	1"	5	50	45
	LTB-125	1 1/4"	5	25	69
	LTB-150	1 1/2"	2	20	86
	LTB-200	2"	1	10	120
	LTB-250	2 1/2"	1	5	340
	LTB-300	3"	1	5	430
	LTB-350	3 1/2"	1	5	510
	LTB-400	4"	1	5	600
	LTB-500†	5"	1	1	800
	LTB-600†	6"	1	1	1075

† Not UL Listed or CSA certified