



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

STRAIGHT CONNECTORS – NON-INSULATED – ALUMINUM

Cat. #	Conduit Size	Unit Quantity	Standard Package	Weight
				Lbs. Per 100
LT38-SA	3/8"	25	100	12
LT50-SA	1/2"	25	100	12
LT75-SA	3/4"	25	100	14
LT100-SA	1"	10	50	28
LT125-SA	1 1/4"	5	25	34
LT150-SA	1 1/2"	2	20	48
LT200-SA	2"	1	10	54
LT250-SA	2 1/2"	1	5	121
LT300-SA	3"	1	5	174
LT350-SA	3 1/2"	1	5	245
LT400-SA	4"	1	5	279

45° ANGLE CONNECTORS — NON-INSULATED – MALLEABLE IRON

LT-3845	3/8"	25	100	27
LT-5045	1/2"	25	100	29
LT-7545	3/4"	10	50	41
LT-10045	1"	10	50	70
LT-12545	1 1/4"	5	25	93
LT-15045	1 1/2"	2	10	137
LT-20045	2"	1	5	199
LT-25045	2 1/2"	1	1	600
LT-30045	3"	1	1	925
LT-35045	3 1/2"	1	1	1150
LT-40045	4"	1	1	1450

45° ANGLE CONNECTORS – INSULATED – MALLEABLE IRON

LTB-3845	3/8"	25	100	27
LTB-5045	1/2"	25	100	29
LTB-7545	3/4"	10	50	41
LTB-10045	1"	10	50	70
LTB-12545	1 1/4"	5	25	93
LTB-15045	1 1/2"	2	10	137
LTB-20045	2"	1	5	195
LTB-25045	2 1/2"	1	1	600
LTB-30045	3"	1	1	925
LTB-35045	3 1/2"	1	1	1150
LTB-40045	4"	1	1	1450

90° ANGLE CONNECTORS – NON-INSULATED – MALLEABLE IRON

LT-3890	3/8"	25	100	31
LT-5090	1/2"	25	100	33
LT-7590	3/4"	10	50	48
LT-10090	1"	10	50	76
LT-12590	1 1/4"	5	25	112
LT-15090	1 1/2"	2	10	155
LT-20090	2"	1	5	230
LT-25090	2 1/2"	1	1	900
LT-30090	3"	1	1	1383
LT-35090	3 1/2"	1	1	1875
LT-40090	4"	1	1	2325

90° ANGLE CONNECTOR – INSULATED – MALLEABLE IRON

Cat. #	Conduit Size	Unit Quantity	Standard Package	Weight
				Lbs. Per 100
LTB-3890	3/8"	25	100	30
LTB-5090	1/2"	25	100	33
LTB-7590	3/4"	10	50	48
LTB-10090	1"	10	50	76
LTB-12590	1 1/4"	5	25	112
LTB-15090	1 1/2"	2	10	155
LTB-20090	2"	1	5	230
LTB-25090	2 1/2"	1	1	900
LTB-30090	3"	1	1	1380
LTB-35090	3 1/2"	1	1	1825
LTB-40090	4"	1	1	2325

90° ANGLE CONNECTOR – NON-INSULATED – ALUMINUM

LT3890-SA	3/8"	25	100	19
LT5090-SA	1/2"	25	100	18
LT7590-SA	3/4"	10	50	24
LT10090-SA	1"	10	50	40
LT12590-SA	1 1/4"	5	25	48
LT15090-SA	1 1/2"	2	10	61
LT20090-SA	2"	1	5	86

COMBINATION COUPLINGS FOR COUPLING LIQUIDTIGHT TO THREADED RIGID/IMC CONDUIT

LTR-38*	3/8"	25	100	17
LTR-50	1/2"	25	100	29
LTR-75	3/4"	25	100	33
LTR-100	1"	5	50	59
LTR-125	1 1/4"	2	20	105
LTR-150	1 1/2"	2	20	105
LTR-200	2"	1	10	160

* For 3/8" Liquidtight to 1/2" Rigid/IMC

SELF RETAINING PVC GASKET WITH STEEL RING

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Cat. #	Conduit Size	Unit Quantity	Standard Package	Weight
				Lbs. Per 100
SG1	3/8"-1/2"	100	100	1
SG2	3/4"	50	50	2
SG3	1"	50	50	2
SG4	1 1/4"	25	25	2
SG5	1 1/2"	25	25	4
SG6	2"	25	25	3
SG7	2 1/2"	10	10	5
SG8	3"	10	10	10
SG9	3 1/2"	10	10	12
SG10	4"	10	10	10
SG11	5"	5	5	15
SG12	6"	5	5	22