

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

UL File no. E-22133

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

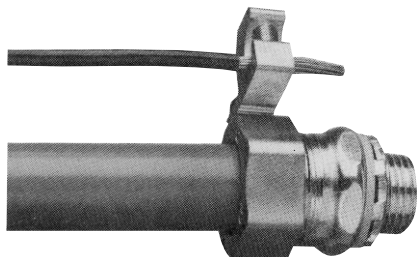
Liquidtight Conduit Fittings

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● Grounding Type Liquidtight Flexible Metallic Conduit Fittings

LIQUIDATOR™ LIQUIDTIGHT FLEXIBLE METALLIC CONDUIT FITTINGS WITH GROUND LUG

lazylug®
For Liquidtight Flexible Steel Conduit



UL File No. E-6225

Application:

Lazy-Lug liquidtight conduit fittings provide an easy, versatile method to use an external grounding conductor with liquidtight flexible metallic conduit as permitted by the National Electrical Code. This section allows an external bonding jumper to be used with a 6-foot or shorter length of liquidtight conduit.

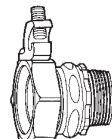
Features/Benefits:

- Open lug design allows installer to quickly lay in the grounding conductor.
- Aluminum lug – for copper or aluminum grounding conductors.
- Copper lug – for copper grounding conductors.

Compliance:

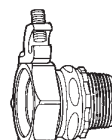
UL Standard 514B – Fittings for Conduit and Outlet Boxes
UL Standard 467 – Grounding and Bonding Equipment

STRAIGHT CONNECTORS – NON-INSULATED – MALLEABLE IRON – ALUMINUM LUG



Cat. #	Conduit Lug		Unit Qty.	Std. Pkg.	Weight Lbs. Per 100
	Size	Size			
LT38G	3/8"	#4-#14	25	100	18
LT50G	1/2"	#4-#14	25	100	20
LT75G	3/4"	#4-#14	25	100	26
LT100G	1"	#4-#14	5	50	45
LT125G	1 1/4"	#4-#14	5	25	69
LT150G	1 1/2"	#4-#14	2	20	85
LT200G	2"	#4-#14	1	10	120
LT250G	2 1/2"	#1/0-#8	1	5	340
LT300G	3"	#1/0-#8	1	5	430
LT350G	3 1/2"	#3/0-#6	1	5	510
LT400G	4"	#3/0-#6	1	5	600
LT500G†	5"	250MCM-#6	1	1	800
LT600G†	6"	250MCM-#6	1	1	1100

STRAIGHT CONNECTORS – INSULATED – MALLEABLE IRON – ALUMINUM LUG

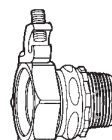


LTB38G	3/8"	#4-#14	25	100	18
LTB50G	1/2"	#4-#14	25	100	20
LTB75G	3/4"	#4-#14	25	100	26
LTB100G	1"	#4-#14	5	50	45
LTB125G	1 1/4"	#4-#14	5	25	69
LTB150G	1 1/2"	#4-#14	2	20	86
LTB200G	2"	#4-#14	1	10	120
LTB250G	2 1/2"	#1/0-#8	1	5	340
LTB300G	3"	#1/0-#8	1	5	430
LTB350G	3 1/2"	#3/0-#6	1	5	510
LTB400G	4"	#3/0-#6	1	5	600
LTB500G†	5"	250MCM-#6	1	1	720
LTB600G†	6"	250MCM-#6	1	1	750

† Not UL Listed

Note: For other connector and lug combinations, consult factory.

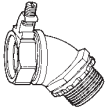
STRAIGHT CONNECTORS – NON-INSULATED – ALUMINUM – ALUMINUM LUG



LT38G SA	3/8"	#4-#14	25	25	12
LT50G SA	1/2"	#4-#14	25	25	12
LT75G SA	3/4"	#4-#14	25	25	14
LT100G SA	1"	#4-#14	5	5	28
LT125G SA	1 1/4"	#4-#14	5	5	34
LT150G SA	1 1/2"	#4-#14	2	2	48
LT200G SA	2"	#4-#14	1	1	54
LT250G SA	2 1/2"	#1/0-#8	1	1	121
LT300G SA	3"	#1/0-#8	1	1	174
LT350G SA	3 1/2"	#3/0-#6	1	1	245
LT400G SA	4"	#3/0-#6	1	1	279

CP Liquidtight

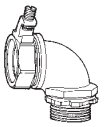
45° ANGLE CONNECTORS – INSULATED – MALLEABLE IRON – ALUMINUM LUG



Cat. #	Conduit Size	Lug Size	Unit Qty.	Std. Pkg.	Weight Lbs. Per 100
LTB3845G	3/8"	#4-#14	25	100	29
LTB5045G	1/2"	#4-#14	25	100	41
LTB7545G	3/4"	#4-#14	10	50	41
LTB10045G	1"	#4-#14	10	50	70
LTB12545G	1 1/4"	#4-#14	5	25	93
LTB15045G	1 1/2"	#4-#14	2	10	137
LTB20045G	2"	#4-#14	1	5	195
LTB25045G	2 1/2"	#1/0-#8	1	1	600
LTB30045G	3"	#1/0-#8	1	1	925
LTB35045G	3 1/2"	#3/0-#6	1	1	1150
LTB40045G	4"	#3/0-#6	1	1	1450

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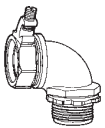
90° ANGLE CONNECTORS – NON-INSULATED – MALLEABLE IRON – ALUMINUM LUG



LT3890G	3/8"	#4-#14	25	100	32
LT5090G	1/2"	#4-#14	25	100	33
LT7590G	3/4"	#4-#14	10	50	48
LT10090G	1"	#4-#14	10	50	76
LT12590G	1 1/4"	#4-#14	5	25	112
LT15090G	1 1/2"	#4-#14	2	10	155
LT20090G	2"	#4-#14	1	5	230
LT25090G	2 1/2"	#1/0-#8	1	1	900
LT30090G	3"	#1/0-#8	1	1	1383
LT35090G	3 1/2"	#3/0-#6	1	1	1875
LT40090G	4"	#3/0-#6	1	1	2325

UL
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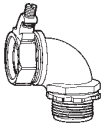
90° ANGLE CONNECTORS – INSULATED – MALLEABLE IRON – ALUMINUM LUG



LTB3890G	3/8"	#4-#14	25	100	30
LTB5090G	1/2"	#4-#14	25	100	33
LTB7590G	3/4"	#4-#14	10	50	48
LTB10090G	1"	#4-#14	10	50	76
LTB12590G	1 1/4"	#4-#14	5	25	112
LTB15090G	1 1/2"	#4-#14	2	10	155
LTB20090G	2"	#4-#14	1	5	230
LTB25090G	2 1/2"	#1/0-#8	1	1	900
LTB30090G	3"	#1/0-#8	1	1	1300
LTB35090G	3 1/2"	#3/0-#6	1	1	1800
LTB40090G	4"	#3/0-#6	1	1	2300

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90° ANGLE CONNECTORS – NON-INSULATED – ALUMINUM ALUMINUM LUG



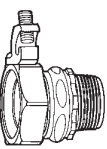
LT3890G-SA	3/8"	#4-#14	25	25	19
LT5090G-SA	1/2"	#4-#14	25	25	18
LT7590G-SA	3/4"	#4-#14	10	25	24
LT10090G-SA	1"	#4-#14	10	5	40
LT12590G-SA	1 1/4"	#4-#14	5	5	48
LT15090G-SA	1 1/2"	#4-#14	2	2	61
LT20090G-SA	2"	#4-#14	1	1	86

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Note: For other connector and lug combinations, consult factory.

GROUNDING TYPE LIQUIDTIGHT FLEXIBLE METALLIC CONDUIT FITTINGS

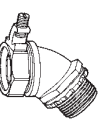
STRAIGHT CONNECTORS – INSULATED – COPPER LUG



Cat. #	Conduit Size	Lug Size	Unit Qty.	Std. Pkg.	Weight Lbs. Per 100
LTB38GC	3/8"	#4-#14	25	100	20
LTB50GC	1/2"	#4-#14	25	100	22
LTB75GC	3/4"	#4-#14	25	100	28
LTB100GC	1"	#4-#14	5	50	47
LTB125GC	1 1/4"	#4-#14	5	25	71
LTB150GC	1 1/2"	#4-#14	2	20	88
LTB200GC	2"	#4-#14	1	10	122
LTB250GC	2 1/2"	#1/0-#8	1	5	351
LTB300GC	3"	#1/0-#8	1	5	441
LTB350GC	3 1/2"	#3/0-#6	1	5	532
LTB400GC	4"	#3/0-#6	1	5	622

UL
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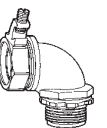
45° ANGLE CONNECTORS – INSULATED – COPPER LUG



LTB3845GC	3/8"	#4-#14	25	100	31
LTB5045GC	1/2"	#4-#14	25	100	43
LTB7545GC	3/4"	#4-#14	10	50	43
LTB10045GC	1"	#4-#14	10	50	72
LTB12545GC	1 1/4"	#4-#14	5	25	95
LTB15045GC	1 1/2"	#4-#14	2	10	139
LTB20045GC	2"	#4-#14	1	5	197
LTB25045GC	2 1/2"	#1/0-#8	1	1	611
LTB30045GC	3"	#1/0-#8	1	1	936
LTB35045GC	3 1/2"	#3/0-#6	1	1	1172
LTB40045GC	4"	#3/0-#6	1	1	1472

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90° ANGLE CONNECTORS – INSULATED – COPPER LUG



LTB3890GC	3/8"	#4-#14	25	100	32
LTB5090GC	1/2"	#4-#14	25	100	35
LTB7590GC	3/4"	#4-#14	10	50	50
LTB10090GC	1"	#4-#14	10	50	78
LTB12590GC	1 1/4"	#4-#14	5	25	114
LTB15090GC	1 1/2"	#4-#14	2	10	157
LTB20090GC	2"	#4-#14	1	5	232
LTB25090GC	2 1/2"	#1/0-#8	1	1	911
LTB30090GC	3"	#1/0-#8	1	1	1311
LTB35090GC	3 1/2"	#3/0-#6	1	1	1822
LTB40090GC	4"	#3/0-#6	1	1	2322

UL
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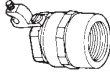


Note: For other connector and lug combinations, consult factory.

Liquidtight Conduit Fittings

- Combination Couplings for Coupling Liquidtight to Threaded Rigid/IMC – Grounding Type – Aluminum Lug
- Wire Mesh Grips for Liquidtight Metallic Conduit Fittings
- LiQuik™ Liquidtight Fittings

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COMBINATION COUPLINGS FOR COUPLING LIQUIDTIGHT TO THREADED RIGID/IMC – GROUNDING TYPE – ALUMINUM LUG

	Cat. #	Conduit Size	Lug Size	Unit Qty.	Std. Pkg.	Weight Lbs. per 100
	LTR38G*	3/8"	#4-#14	25	100	24
	LTR50G	1/2"	#4-#14	25	100	30
	LTR75G	3/4"	#4-#14	25	100	35
	LTR100G	1"	#4-#14	5	50	59
	LTR125G	1 1/4"	#4-#14	5	25	81
	LTR150G	1 1/2"	#4-#14	2	20	107
	LTR200G	2"	#4-#14	1	10	162

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

Note: For other connector and lug combinations, consult factory.

Copper lugs are available also. Consult factory for details.

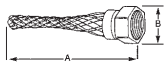
WIRE MESH GRIPS FOR LIQUIDTIGHT METALLIC CONDUIT FITTINGS




Application:

Wire mesh grips are used with Liquidator liquidtight conduit fittings to prevent conduit pullout due to stress, tension, strain, vibration, or movement. Typical applications include the wiring of machine tools, motors, transformers, food processing, equipment, robotics, or any application that requires a flexible liquidtight conduit connection.

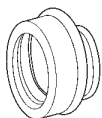
WIRE MESH GRIP – DIMENSIONS



	Cat. #	Conduit Size	Dimensions A	Dimensions B	Unit Qty.	Std. Pkg.	Wgt. Lbs. Per 100
	WMG38	3/8"	6 7/16"	1 1/4"	10	50	10
	WMG50	1/2"	6 1/8"	1 7/16"	10	50	12
	WMG75	3/4"	6 15/16"	1 5/8"	10	50	17
	WMG100	1"	8 3/16"	1 15/16"	10	50	21
	WMG125	1 1/4"	10 3/4"	2 3/8"	2	10	37
	WMG150	1 1/2"	11 13/16"	2 3/4"	2	10	56
	WMG200	2"	14 7/16"	3 5/16"	1	5	79

REPLACEMENT LIQUIDTIGHT FERRULES

FOR STEEL CONNECTORS ONLY.



Cat. #	Conduit Size	Unit Quantity	Standard Package
FEA38	3/8"	100	100
FEA50	1/2"	100	100
FEA75	3/4"	100	100
FEA100	1"	100	100
FEA125	1 1/4"	50	50
FEA150	1 1/2"	50	50
FEA200	2"	10	10
FEA250	2 1/2"	10	10
FEA300	3"	10	10
FEA350	3 1/2"	10	10
FEA400	4"	10	10

LiQuik™ LIQUIDTIGHT FITTINGS

No disassembly required! The LiQuik liquidtight fittings are quick and easy to install in 2 steps, offering huge labor saving potential. Available in trade sizes 3/8"–2" straight insulated.

New LiQuik Assembly Installation

1. Slide conduit inside the fully assembled connector.
2. Turn the connector assembly or the conduit until the ferrule threads engage the spirals in the conduit. The pins in the ferrule are locked inside the holes in the connector body, preventing the ferrule from turning. Tighten the nut against the connector.



LiQuik™ LIQUIDTIGHT FITTINGS – STRAIGHT, NON-INSULATED



Cat. #	Conduit Size	Dimensions				Unit Qty	Weight Lbs. Per 100
		A	B	C	D		
LTQ38	3/8"	1/2"	1 1/8"	1/2"	1 1/8"	25	15
LTQ50	1/2"	1/2"	1 1/4"	1/2"	1 1/4"	25	18
LTQ75	3/4"	3/4"	1 1/4"	1/2"	1 9/16"	25	29
LTQ100	1"	1"	1 7/16"	5/8"	1 13/16"	5	40
LTQ125	1 1/4"	1 1/4"	1 1/2"	1 1/16"	2 1/4"	5	55
LTQ150	1 1/2"	1 1/2"	1 5/8"	3/4"	2 7/16"	2	71
LTQ200	2"	2"	1 3/4"	3/4"	3"	1	99

LiQuik™ LIQUIDTIGHT FITTINGS – STRAIGHT, INSULATED



Cat. #	Conduit Size	Dimensions				Unit Qty	Weight Lbs. Per 100
		A	B	C	D		
LTQB38	3/8"	3/8"	1 1/8"	9/16"	1 1/8"	25	16
LTQB50	1/2"	1/2"	1 1/4"	9/16"	1 1/4"	25	18
LTQB75	3/4"	3/4"	1 1/4"	9/16"	1 9/16"	25	29
LTQB100	1"	1"	1 7/16"	1 1/16"	1 13/16"	5	40
LTQB125	1 1/4"	1 1/4"	1 1/2"	3/4"	2 1/4"	5	56
LTQB150	1 1/2"	1 1/2"	1 5/8"	1 3/16"	2 7/16"	2	71
LTQB200	2"	2"	1 3/4"	1 3/16"	3"	1	100

REPLACEMENT LiQuik FERRULES

Cat. #	Conduit Size	Weight Lbs. Per 100
LTQF38	3/8"	100
LTQF50	1/2"	100
LTQF75	3/4"	100
LTQF100	1"	100
LTQF125	1 1/4"	50
LTQF150	1 1/2"	50
LTQF200	2"	10