

electrical conduit

for over 55 years

The Liqueflex Line

The Liqueflex line includes nearly 40 types of flexible electrical conduit for contractors, OEMs, industrial maintenance and repair (MRO), government, utility and export users. Most conduits are available as standard products, and Electri-Flex has the manufacturing capability to develop specialized products as they are needed by customers.

An innovator in the liquidtight conduit industry, Electri-Flex is also a leader in packaging improvements and manufacturing patents. The majority of production tools and methods used are unique in that they are developed and built by Electri-Flex in its own tool shop in Roselle, Illinois.

Quality Assurance

Quality control for Liqueflex is performed by all levels of employment. To assure a high degree of quality assurance, Electri-Flex utilizes a vertically integrated manufacturing and production system, with each step performed in-house by a team of experts.

Our Quality Assurance Program offers testing procedures from the time raw materials are received at the facility to when the finished conduit is packaged and readied for shipping. Each foot of conduit produced passes through a series of gauges to determine diameters. Actual physical appearance is also checked.

A Quality Control Inspector randomly collects samples of each product at various stages of production. Testing covers such characteristics as tension strength, crush, flexibility and flammability. Further testing is also conducted during unannounced visits by UL and CSA inspectors.

Distribution and Representative Partners

Electri-Flex's representatives and distributors are the leaders in the markets they serve. The partners who have made Electri-Flex an industry leader share these qualities:

- **Representatives**—High degree of integrity and impeccable business reputation, knowledge of the product and the customer, carry compatible lines to make customer and distributor calls more productive, and day-to-day involvement by the principal of the company. For a representative in your area, please visit www.electriflex.com
- **Distributors**—Industrially oriented, sound relations with customers, solid reputation in the community and quality sales people.

We choose only top-performing distributors who have the ability to grow with us in the electrical industry.

Members of:

- NAED
- NEMRA
- NEMA

Marketing Support

Making the best product doesn't create success without exceptional sales, service and marketing programs that meet the needs of representatives and distributors. Our sales support services include:

- Rep warehouse locations across the United States
- On-site 64,000-square-foot distribution center
- Shipments of stocked items within one to three days from consigned stock locations
- Responsive sales and customer service departments
- Effective advertising support program that produces qualified leads
- Referrals on inquiries within a distributor's territory
- Special "off-sheet" price quotations
- Distributor Policy brochure
- Training seminars
- Liberal catalog and sample policy

A Close-knit Family Business

Electri-Flex was founded and is still owned by the Kinander family. The cultural focus is on high-quality products and services, with a strong sense of loyalty to Electri-Flex and its partners. We are dedicated to keeping this spirit of quality and loyalty alive within each employee.




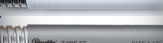
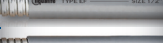











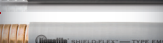
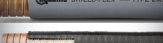













Electri-Flex's employees, representatives, distributors and customer partners continue to create the success Electri-Flex has enjoyed for more than 55 years.

Conduit Application Guide

| | Conduit Type | Page | Flexibility | | | | Metal Used | Plastic Used | High Mech. Strength | Listed for Direct Burial | Halogen-Free | Low Fire Hazard | Accepts Standard Liquidtight Fittings | Self-Extinguish | EMI / RFI Shielding | Approval |
|---------------------|--------------|------|-------------------|-------------------|----------|------------------|------------|--------------|---------------------|--------------------------|--------------|-----------------|---------------------------------------|-----------------|---------------------|----------|
| | | | Continued Flexing | Small Bend Radius | Flexible | Pliable (Static) | | | | | | | | | | |
| Jacketed Metallic | TYPE LA | 7 | | | • | Steel | PVC | • | • | | | • | • | | UL SF | |
| | TYPE LT | 8 | | • | • | Steel | PVC | | | | | • | | | JIC | |
| | TYPE LTFG | 9 | | • | • | Steel | PVC | | | | | • | | | NSF/FDA | |
| | TYPE EF | 10 | | • | • | Steel | PVC | | | | | • | | | JIC | |
| | TYPE LOR | 10 | | • | • | Steel | PVC | | | | | • | | | JIC | |
| | TYPE CBLA | 11 | | | • | Steel | PVC | • | • | | | • | • | | UL SF | |
| | TYPE CSA | 12 | | | • | Steel | PVC | • | | | | • | • | | SF | |
| | TYPE ATLA | 13 | | | • | Steel | PVC | • | • | | | • | • | | UL SF | |
| | TYPE AT | 14 | | | • | Steel | PVC | | | | | • | | | | |
| | TYPE ATX | 14 | | | • | Steel | TPR | | | • | | • | | | | |
| | TYPE VJC | 15 | | • | • | • | Steel | PVC | | | | • | | | | |
| | TYPE ALT | 15 | | | • | Aluminum | PVC | | | | | • | | | | |
| | TYPE ZHLA | 16 | | | • | Steel | PU | • | • | • | • | • | • | | UL | |
| | TYPE CEA | 17 | | | • | Steel | PU | | | • | • | • | • | | | |
| TYPE ACEA | 18 | | | • | Aluminum | PU | | | • | • | • | • | | | | |
| EMI / RFI | TYPE SLA | 22 | | | • | Steel | PVC | • | • | Available | Available | • | • | • | UL | |
| | TYPE EMS | 23 | | | • | Bronze | PVC | | | Available | Available | • | • | • | | |
| | TYPE EMCS | 23 | | | • | Bronze | PVC | | | Available | Available | • | • | • | | |
| Unjacketed Metallic | TYPE BR | 25 | | | • | Steel | | • | | | | | | | UL SF 3/8 | |
| | TYPE ABR | 26 | | | • | Aluminum | | | | | | | | | UL SF 3/8 | |
| | TYPE ABRH | 27 | | | • | Aluminum | | • | | | | | | | SF | |
| | TYPE FSC | 27 | | | • | Steel | | • | | | | | | | | |
| | TYPE USL | 28 | | • | • | Steel | | | | | | | | | RA | |
| | TYPE UG | 28 | | | • | • | Steel | | | | | | | | | |
| | TYPE SL | 29 | | • | • | • | Steel | | | | | | | | | |
| TYPE PF | 30 | | | • | Steel | | | | | | | | | UL | | |
| Nonmetallic | CORRLOK® | 32 | • | • | • | • | Nylon | • | | • | • | | • | | RA | |
| | TYPE LNM-P | 33 | • | | • | | PVC | | | | | FNMC-A | • | | UL SF | |
| | TYPE NM | 34 | | | • | | PVC | • | • | | | • | • | | UL SF | |
| | TYPE NMHT | 34 | | | • | | PVC | • | • | | | • | • | | UL | |
| | TYPE NM2 | 35 | • | | • | | PVC | | | | | • | • | | RA | |

Shield-Flex, SLA, EMS, EMCS, HFSLA, HFEMS & HFEMCS are trademarks of Electri-Flex Company, registered in the U.S. Patent and Trademark Office.

Conduit Application Guide

| | | | Temperature Range | | | | | | | | | | | General Chemical Resistance | | | | |
|---|---|---|-------------------|------|------|------|-----|------|------|------|------|------|------|-----------------------------|------|-------|---|---|
| | | | °C | -60° | -40° | -20° | 0° | 50° | 60° | 75° | 80° | 90° | 105° | 150° | | | | |
| | | | °F | -76° | -40° | -4° | 32° | 122° | 140° | 167° | 176° | 194° | 221° | 302° | Oils | Acids | | |
| | | | Conduit Type | Page | | | | | | | | | | | | | | |
| Jacketed Metallic |  | TYPE LA | 7 | | | | | | | | | | | | | | • | • |
| |  | TYPE LT | 8 | | | | | | | | | | | | | | • | • |
| |  | TYPE LTFG | 9 | | | | | | | | | | | | | | • | • |
| |  | TYPE EF | 10 | | | | | | | | | | | | | | • | • |
| |  | TYPE LOR | 10 | | | | | | | | | | | | | | • | • |
| |  | TYPE CBLA | 11 | | | | | | | | | | | | | | • | • |
| |  | TYPE CSA | 12 | | | | | | | | | | | | | | • | • |
| |  | TYPE ATLA | 13 | | | | | | | | | | | | | | • | • |
| |  | TYPE AT | 14 | | | | | | | | | | | | | | • | • |
| |  | TYPE ATX | 14 | | | | | | | | | | | | | | • | |
| |  | TYPE VJC | 15 | | | | | | | | | | | | | | • | • |
| |  | TYPE ALT | 15 | | | | | | | | | | | | | | • | • |
| |  | TYPE ZHLA | 16 | | | | | | | | | | | | | | • | |
| |  | TYPE CEA | 17 | | | | | | | | | | | | | | • | |
| |  | TYPE ACEA | 18 | | | | | | | | | | | | | | • | |
| | EMI / RFI |  | TYPE SLA | 22 | | | | | | | | | | | | | • | • |
|  | | TYPE EMS | 23 | | | | | | | | | | | | | • | • | |
|  | | TYPE EMCS | 23 | | | | | | | | | | | | | • | • | |
| Unjacketed Metallic |  | TYPE BR | 25 | | | | | | | | | | | | | | | |
| |  | TYPE ABR | 26 | | | | | | | | | | | | | | | |
| |  | TYPE ABRH | 27 | | | | | | | | | | | | | | | |
| |  | TYPE FSC | 27 | | | | | | | | | | | | | | | |
| |  | TYPE USL | 28 | | | | | | | | | | | | | | | |
| |  | TYPE UG | 28 | | | | | | | | | | | | | | | |
| |  | TYPE SL | 29 | | | | | | | | | | | | | | | |
| |  | TYPE PF | 30 | | | | | | | | | | | | | | | |
| Nonmetallic |  | CORRLOK® | 32 | | | | | | | | | | | | | • | | |
| |  | TYPE LNM-P | 33 | | | | | | | | | | | | | • | • | |
| |  | TYPE NM | 34 | | | | | | | | | | | | | • | • | |
| |  | TYPE NMHT | 34 | | | | | | | | | | | | | • | • | |
| |  | TYPE NM2 | 35 | | | | | | | | | | | | | • | • | |

Jacketed Metallic

Electri-Flex offers the broadest variety of liquidtight flexible metal conduits, ranging from UL listed and CSA certified products to specialized conduits designed for extreme temperatures, non-halogen, low smoke, RFI shielding and food grade applications.

These conduits offer the advantages of a flexible sealed raceway coupled with the strength of a metal core. For more information on our Jacketed Metallic Conduits, see below for an overview or continue through this section.

| Conduit Type | Page |
|---|--------------|
|  TYPE LA | 7 |
|  TYPE LT | 8 |
|  TYPE LTFG | 9 NEW |
|  TYPE EF | 10 |
|  TYPE LOR | 10 |
|  TYPE CBLA | 11 |
|  TYPE CSA | 12 |
|  TYPE ATLA | 13 |
|  TYPE AT | 14 |
|  TYPE ATX | 14 |
|  TYPE VJC | 15 |
|  TYPE ALT | 15 |
|  TYPE ZHLA | 16 |
|  TYPE CEA | 17 |
|  TYPE ACEA | 18 |

Distinctive Characteristics Include:

- UL listed, CSA certified
- Halogen-free
- Flame-resistant
- High impact and crush strength
- Resistant to many chemicals
- Sunlight-resistant
- Withstands extreme temperature ranges

Applications/Vertical Markets:

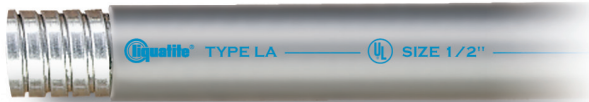
- Passenger Rail Vehicle Wiring
- Industrial Control Equipment
- Machine Tools
- Textile Machinery
- Molding/Extrusion Equipment
- Fiber Optics
- Medical Equipment
- Food and Pharmaceutical Equipment
- Healthcare
- Data Centers
- Waste Water Treatment
- Utility



We can blend to any color preference for quick identification of circuits.

See page 19 for details.

TYPE LA



A flexible steel conduit that is both listed by Underwriters Laboratories Inc. and certified by Canadian Standards Association. It offers outstanding protection against wet, oily conditions and is permitted for use in exposed or concealed locations.

CONSTRUCTION:

The flexible inner core is made from a spiral-wound strip of heavy-gauge, corrosion-resistant, hot-dipped galvanized steel. The 3/8 through 1-1/4 inch trade sizes are squarelock formed and include an integral bonding strip of copper that is enclosed within the convolutions throughout their entire length. The 1-1/2 through 4-inch trade sizes are designed with a fully interlocked strip.

The liquidtight jacketing material is of a high-quality, rugged, flame-retardant flexible PVC compound that resists oils, mild acids and exposure to sunlight. Refer to the Chemical Resistance Guide on our website for further information.

APPLICATION:

This conduit is intended for installation in accordance with Article 350 of the NEC® (ANSI/NFPA-70) and in section 14.5.4 of the ANSI/NFPA-79 Standard for Industrial Machinery:

- Listed and marked for direct burial and in poured concrete.
- For containment of 600 volt and lower potential circuits.
- Sunlight-resistant.
- Suitable as a grounding conductor when used for circuits rated up to 20A for the 3/8 and 1/2 inch grade sizes

and 60A for the 3/4 through 1-1/4 inch trade sizes in lengths six feet or less per NEC Article 250.118(6).

- Installations in hazardous (classified) locations:
 - Class I Div. 2: **Article 501.10(B)(2) & 501.30(B)**
 - Class II Div. 1: **Article 502.10(A)(2) & 502.30(B)** Div 2: **502.10(B)(2)**
 - Class III Div. 1: **Article 503.10(A)(2) & 503.30(B)** Div. 2: **503.10(A)(2)**
- Installed under raised floors in data processing areas. Articles 645.5(E)(2).
- Electric signs and outline lighting over 1,000 volts. Articles 600.7 600.32(A)(1).
- Permitted for service entrance wiring to six feet. Article 230.43.
- Used as feeders and services at marinas and boatyards. Article 553.7(B).
- Wiring on building. Article 225.10.
- Conductor enclosures adjacent to motors over 600V. Article 430.223.
- Underground service, feeder, branch circuit and recreational vehicle site feeder circuit conductors. Article 551.80.
- Elevators and hoistways. Article 620.21.
- Pools and fountains. Article 680.

- Bodies of water. Article 682.
- Fire pumps. Article 695.

Listed File #E29278. Conforms to Underwriters Laboratories Standard ANSI/UL-360 for Liquidtight Flexible Steel conduit.

RoHS and WEEE Compliant.

Certified File #LL18858. Conforms to CSA 22.2 No.56 for use per the Canadian Electrical Code C22.1 Section 12-1300.

STANDARD COLORS:

Machine Tool Gray and Black. Other colors available upon request. Blue is commonly used for computer room installations. See Type CBLA.

WORKING TEMPERATURES:

-30°C to 80°C Dry/60°C Wet/70°C Oil

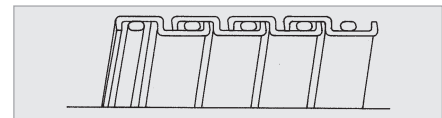
METAL USED: Steel

PLASTIC USED: PVC

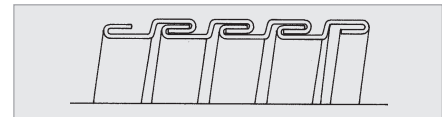
See the Chemical Resistance Guide on our website.



Squarelock with Filler SIZES: 3/8" — 1-1/4"



Interlock SIZES: 1-1/2" — 4"



| Trade Size (In.) | Type | Inside Bend Radius (In.) | Weight (Lbs.)/100 Ft. | Carton Footage | | Reel Footage | | | |
|------------------|-----------|--------------------------|-----------------------|----------------|-------------------|--------------|-------------------|--------|-------------------|
| | | | | Length | Part # Gray/Black | Length | Part # Gray/Black | Length | Part # Gray/Black |
| 3/8 | LA-10 | 2.0 | 29 | 100 | 20101/20801 | 500 | 20103/20803 | 1000 | 20104/20804 |
| 1/2 | LA-11 | 3.0 | 32 | 100 | 21101/21801 | 500 | 21103/21803 | 1000 | 21104/21804 |
| 3/4 | LA-12 | 4.2 | 53 | 100 | 22101/22801 | 500 | 22104/22804 | 1000 | 22110/22810 |
| 1 | LA-13 | 5.5 | 82 | 100 | 23102/23802 | 400 | 23104/23804 | - | -/- |
| 1-1/4 | LA-14 | 7.0 | 102 | 50 | 24102/24802 | 200 | 24104/24804 | - | -/- |
| 1-1/2 | LA-15 | 4.5 | 124 | 50 | 25102/25802 | 150 | 25104/25804 | - | -/- |
| 2 | LA-16 | 6.0 | 145 | 50 | 26102/26802 | 100 | 26104/26804 | - | -/- |
| 2-1/2 | LA/LT-17 | 8.0 | 192 | 25 | 27102/27802 | 275 | 27105/27805 | - | -/- |
| 3 | LA/LT-18 | 10.0 | 252 | 25 | 28102/28802 | 175 | 28105/28805 | - | -/- |
| 3-1/2 | LA/LT-350 | 11.0 | 308 | 25 | 28502/- | 175 | 28505/- | - | -/- |
| 4 | LA/LT-19 | 12.0 | 350 | 25 | 29102/29502 | 100 | 29105/29505 | - | -/- |

See page 37 for dimensions.

Standard Dimensions

LT—LOR—LTFG—EF—LA—CSA—ALT—AT—ATLA—ATX
 ACEA—CEA—ZHLA—SLA—EMS—EMCS—NM—NM2

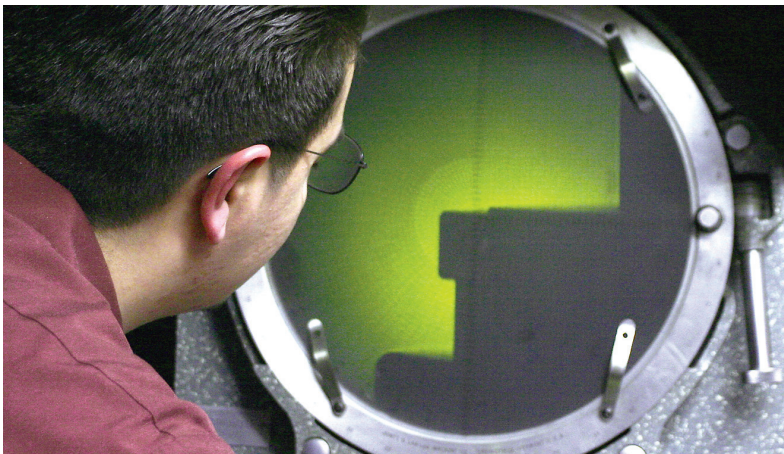
STANDARD DIMENSIONS FOR LIQUIDTIGHT FLEXIBLE CONDUIT

| Trade Size (in.) | Type | Diameter (in.) | | Diameter (mm) | |
|------------------|------|----------------|-----------------|----------------|-----------------|
| | | Inside Min/Max | Outside Min/Max | Inside Min/Max | Outside Min/Max |
| 1/4 | 140 | 0.245/0.265 | 0.450/0.470 | 6.2/6.7 | 11.4/11.9 |
| 5/16 | 516 | 0.385/0.405 | 0.570/0.590 | 9.8/10.3 | 14.5/15.0 |
| 3/8 | 10 | 0.484/0.504 | 0.690/0.710 | 12.3/12.8 | 17.5/18.0 |
| 1/2 | 11 | 0.622/0.642 | 0.820/0.840 | 15.8/16.3 | 20.8/21.3 |
| 3/4 | 12 | 0.820/0.840 | 1.030/1.050 | 20.8/21.3 | 26.2/26.7 |
| 1 | 13 | 1.041/1.066 | 1.290/1.315 | 26.4/27.1 | 32.8/33.4 |
| 1-1/4 | 14 | 1.380/1.410 | 1.630/1.660 | 35.1/35.8 | 41.4/42.2 |
| 1-1/2 | 15 | 1.575/1.600 | 1.865/1.900 | 40.0/40.6 | 47.4/48.3 |
| 2 | 16 | 2.020/2.045 | 2.340/2.375 | 51.3/51.9 | 59.4/60.3 |
| 2-1/2 | 17 | 2.480/2.505 | 2.840/2.875 | 63.0/63.6 | 72.1/73.0 |
| 3 | 18 | 3.070/3.100 | 3.460/3.500 | 78.0/78.7 | 87.9/88.8 |
| 3-1/2 | 350 | 3.500/3.540 | 3.960/4.000 | 88.9/89.9 | 100.6/101.6 |
| 4 | 19 | 4.000/4.040 | 4.460/4.500 | 101.6/102.6 | 113.3/114.3 |
| 5 | 500 | 4.975/5.035 | 5.505/5.565 | 126.4/127.9 | 139.8/141.4 |
| 6 | 600 | 6.015/6.075 | 6.565/6.625 | 152.8/154.3 | 166.8/168.3 |

This reference chart is applicable to the standard conduit types listed above. Please refer to individual product pages of this catalog for size ranges and dimensions for products not listed here.

COMMON CONVERSIONS

| Length | Weight | Temperature |
|-----------------------------|---------------------------|-------------------------|
| 1 Foot = 0.305 Meters | 1 Pound = 454 Grams | °C = Degrees Centigrade |
| 1 Meter = 3.281 Feet | 1 Pound = 0.454 Kilograms | °F = Degrees Fahrenheit |
| 1 Inch = 25.4 Millimeters | 1 Kilogram = 2.205 Pounds | °C = (°F - 32) ÷ 1.8 |
| 1 Millimeter = 0.039 Inches | 1 Gram = 0.035 Ounces | °F = (°C x 1.8) + 32 |
| 1 Inch = 2.54 Centimeters | 1 Ounce = 28.349 Grams | - |
| 1 Centimeter = 0.394 Inches | - | - |



NEMA Guidelines Publication

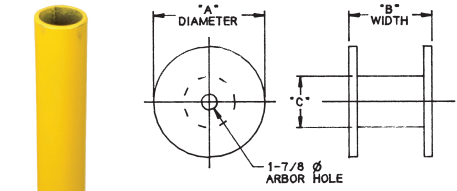
NEMA (National Electrical Manufacturers Association) has developed and published an APPLICATION AND INSTALLATION GUIDELINES FOR FLEXIBLE AND LIQUIDTIGHT FLEXIBLE METAL AND NONMETALLIC CONDUITS. This publication, NEMA RV 3-2010, is available at this link: www.nema.org/stds/rv3.cfm#download

Reel Dimensions

| Trade Size (in.) | Type | 58" | | | 42" | | | 30" | | | 32" Special | | | 24" | | |
|------------------|------|----------|----------|--------|--------|------|------|------|--------|--------|-------------|-----|-----|--------|--------|----------|
| | | LT LA EF | LT LA EF | BR ABR | LN-M-P | LT | LA | EF | BR ABR | LN-M-P | LT | LA | EF | BR ABR | LN-M-P | LT LA EF |
| 3/8 | 10 | 6000 | - | - | - | 1000 | 1000 | 1000 | 2000 | 1000 | - | - | - | 1000 | 500 | 500 |
| 1/2 | 11 | 4500 | - | - | 1000 | 1000 | 1000 | 1000 | 1000 | 500 | - | - | - | - | - | 500 |
| 3/4 | 12 | 2500 | 1000 | - | - | 500 | 500 | 500 | 500 | 500 | - | - | - | - | - | - |
| 1 | 13 | 1500 | - | - | - | 400 | - | 400 | 400 | 400 | - | 400 | - | - | - | - |
| 1-1/4 | 14 | 1000 | - | 400 | - | 200 | - | 200 | - | 200 | - | 200 | - | - | - | - |
| 1-1/2 | 15 | 750 | - | 300 | - | - | - | - | - | - | 150 | 150 | 150 | - | - | - |
| 2 | 16 | 500 | - | 150 | - | - | - | - | - | - | 100 | 150 | 100 | - | - | - |
| 2-1/2 | 17 | 275 | - | - | - | - | - | - | - | - | - | - | - | - | - | - |
| 3 | 18 | 175 | - | - | - | - | - | - | - | - | - | - | - | - | - | - |
| 3-1/2 | 350 | 175 | - | - | - | - | - | - | - | - | - | - | - | - | - | - |
| 4 | 19 | 100 | - | - | - | - | - | - | - | - | - | - | - | - | - | - |
| 5 | 500 | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - |
| 6 | 600 | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - |

APPROXIMATE REEL DIMENSIONS

| "A" (in.) | "B" (in.) | "C" (in.) | Weight (lbs.) | Qty./Skid |
|--------------|-----------|-----------|---------------|-----------|
| 24 | 19.5 | 12 | 17 | 4 |
| 30 | 19.5 | 12 | 21 | 4 |
| 32 (Special) | 19.5 | 14 | 23 | 4 |
| 42 | 20 | 24 | 70 | 1 |
| 58 (Jumbo) | 36 | 28 | 208 | 1 |



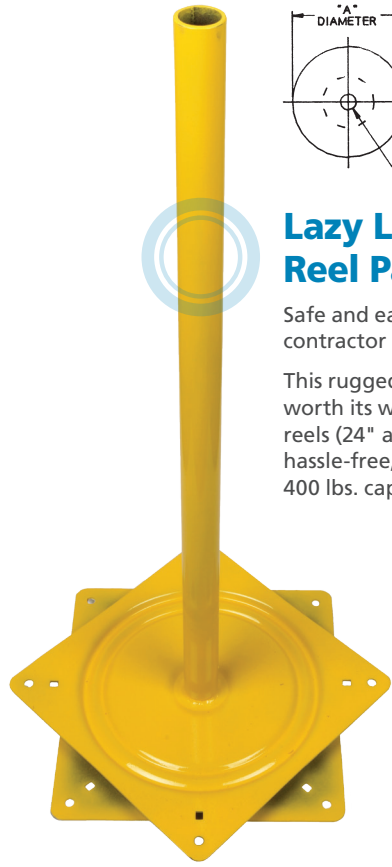
Lazy Louie Liquatite Reel Payout Stand

Safe and easy handling of conduit for contractor and high-rise work.

This rugged yet simple payout reel is worth its weight in gold. It easily handles reels (24" and 30" standard or 32" special) hassle-free, and can take loaded reels of 400 lbs. capacity.

Weight 11 lbs.

P/N 90040



Cartons

| Trade Size (in.) | Catalog Number | Standard Carton Type | |
|------------------|----------------|----------------------|-------|
| | | All | LNM-P |
| 3/8 | 10 | 100 | 250 |
| 1/2 | 11 | 100 | 200 |
| 3/4 | 12 | 100 | 175 |
| 1 | 13 | 100 | 100 |
| 1-1/4 | 14 | 50 | 100 |
| 1-1/2 | 15 | 50 | 50 |
| 2 | 16 | 50 | 50 |
| 2-1/2 | 17 | 25 | - |
| 3 | 18 | 25 | - |
| 3-1/2 | 350 | 25 | - |
| 4 | 19 | 25 | - |
| 5 | 500 | 25 | - |
| 6 | 600 | 25 | - |

Skids

STANDARD SKID QUANTITIES: 48" X40" X5"

| Trade Size (in.) | Cat. No. | Flex | Liquatite | Nonmetallic | |
|------------------|----------|----------|------------|-------------|------------|
| | | ABR, BR | EF, LA, LT | LNMP | NM |
| 3/8 | 10 | 60 coils | 45 Cartons | 7 Cartons | 60 Cartons |
| 1/2 | 11 | 25 coils | 45 Cartons | 7 Cartons | 60 Cartons |
| 3/4 | 12 | 25 coils | 24 Cartons | 7 Cartons | 48 Cartons |
| 1 | 13 | 28 coils | 20 Cartons | 7 Cartons | 30 Cartons |
| 1-1/4 | 14 | 28 coils | 20 Cartons | 7 Cartons | 16 Cartons |
| 1-1/2 | 15 | 28 coils | 5 Cartons | 7 Cartons | 16 Cartons |
| 2 | 16 | 28 coils | 5 Cartons | 6 Cartons | 16 Cartons |
| 2-1/2 | 17 | 5 coils | 5 Cartons | - | - |
| 3 | 18 | 5 coils | 5 Cartons | - | - |
| 3-1/2 | 350 | 5 coils | 5 Cartons | - | - |
| 4 | 19 | 4 coils | 5 Cartons | - | - |

Dimensions

| Carton Type | Size: h x d x w (in.) | Carton Product Size (in.) | Ftg. Per Carton |
|--------------------------------------|-------------------------|---------------------------|-----------------|
| Liquatite Types LA, LT and EF | | | |
| R1 | 15 x 14-3/8 x 7-3/4 | 1/4 | 250 |
| | | 5/16 | 250 |
| | | 3/8 | 100 |
| R2 | 17-5/8 x 16-3/4 x 8 | 1/2 | 100 |
| R3 | 20-3/4 x 20-3/8 x 8 | 3/4 | 100 |
| R4 | 25-1/4 x 24-1/2 x 8-1/4 | 1 | 100 |
| | | 1-1/4 | 50 |
| R6 | 33-5/8 x 37 x 10-3/8 | 1-1/2 | 50 |
| | | 2 | 50 |
| | | 2-1/2 | 25 |
| #3 | 52 x 52 x 8-1/2 | 3 | 25 |
| 3 & 4 | 60-1/4 x 60-1/4 x 6-1/2 | 3-1/2 | 25 |
| | | 4 | 25 |
| 5 & 6 | 66 x 66 x 12-1/2 | 5 | 25 |
| | | 6 | 25 |
| Nonmetallic Type LNM-P | | | |
| SMALL LNM-P | 34-3/4 x 34-3/4 x 7 | 3/8 | 250 |
| | | 1/2 | 200 |
| | | 3/4 | 175 |
| | | 1 | 100 |
| | | 1-1/4 | 100 |
| Large LNMP | 43 x 43 x 7-3/4 | 1-1/2 | 50 |
| | | 2 | 50 |
| Nonmetallic Type NM and NM2 | | | |
| - | 20 x 6 x 20 | 3/8 | 100 |
| - | 20 x 6 x 20 | 1/2 | 100 |
| - | 22 x 7 x 22 | 3/4 | 100 |
| - | 24 x 8 x 24 | 1 | 100 |
| - | 26 x 9 x 26 | 1-1/4 | 100 |
| - | 30 x 7 x 30 | 1-1/2 | 50 |
| - | 30 x 7 x 30 | 2 | 50 |

Packaging, Disclaimer and Warranty

DISCLAIMER

All specifications contained herein are subject to change without notice. Please refer to www.electriflex.com for the most current product information.

Carton and reel lengths are approximate due to variations during the extrusion process.

PRODUCT WARRANTY

The Electri-Flex Company manufactures its products to the specifications and standards as described in the most current Electri-Flex catalog and it warrants them to be free from defects in materials and workmanship.

Electri-Flex will, in the case of product claim, be liable for only the price of the goods purchased. Remedies with respect to products sold by Electri-Flex will be limited only to the right of replacement, or to repayment of user's price of its product.

electrical conduit

for over 55 years

The Liqueflex Line

The Liqueflex line includes nearly 40 types of flexible electrical conduit for contractors, OEMs, industrial maintenance and repair (MRO), government, utility and export users. Most conduits are available as standard products, and Electri-Flex has the manufacturing capability to develop specialized products as they are needed by customers.

An innovator in the liquidtight conduit industry, Electri-Flex is also a leader in packaging improvements and manufacturing patents. The majority of production tools and methods used are unique in that they are developed and built by Electri-Flex in its own tool shop in Roselle, Illinois.

Quality Assurance

Quality control for Liqueflex is performed by all levels of employment. To assure a high degree of quality assurance, Electri-Flex utilizes a vertically integrated manufacturing and production system, with each step performed in-house by a team of experts.

Our Quality Assurance Program offers testing procedures from the time raw materials are received at the facility to when the finished conduit is packaged and readied for shipping. Each foot of conduit produced passes through a series of gauges to determine diameters. Actual physical appearance is also checked.

A Quality Control Inspector randomly collects samples of each product at various stages of production. Testing covers such characteristics as tension strength, crush, flexibility and flammability. Further testing is also conducted during unannounced visits by UL and CSA inspectors.

Distribution and Representative Partners

Electri-Flex's representatives and distributors are the leaders in the markets they serve. The partners who have made Electri-Flex an industry leader share these qualities:

- **Representatives**—High degree of integrity and impeccable business reputation, knowledge of the product and the customer, carry compatible lines to make customer and distributor calls more productive, and day-to-day involvement by the principal of the company. For a representative in your area, please visit www.electriflex.com
- **Distributors**—Industrially oriented, sound relations with customers, solid reputation in the community and quality sales people.

We choose only top-performing distributors who have the ability to grow with us in the electrical industry.

Members of:

- NAED
- NEMRA
- NEMA

Marketing Support

Making the best product doesn't create success without exceptional sales, service and marketing programs that meet the needs of representatives and distributors. Our sales support services include:

- Rep warehouse locations across the United States
- On-site 64,000-square-foot distribution center
- Shipments of stocked items within one to three days from consigned stock locations
- Responsive sales and customer service departments
- Effective advertising support program that produces qualified leads
- Referrals on inquiries within a distributor's territory
- Special "off-sheet" price quotations
- Distributor Policy brochure
- Training seminars
- Liberal catalog and sample policy

A Close-knit Family Business

Electri-Flex was founded and is still owned by the Kinander family. The cultural focus is on high-quality products and services, with a strong sense of loyalty to Electri-Flex and its partners. We are dedicated to keeping this spirit of quality and loyalty alive within each employee.




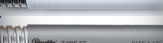
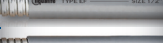











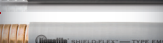
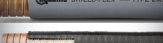













Electri-Flex's employees, representatives, distributors and customer partners continue to create the success Electri-Flex has enjoyed for more than 55 years.

Conduit Application Guide

| | Conduit Type | Page | Flexibility | | | | Metal Used | Plastic Used | High Mech. Strength | Listed for Direct Burial | Halogen-Free | Low Fire Hazard | Accepts Standard Liquidtight Fittings | Self-Extinguish | EMI / RFI Shielding | Approval |
|---------------------|--------------|------|-------------------|-------------------|----------|------------------|------------|--------------|---------------------|--------------------------|--------------|-----------------|---------------------------------------|-----------------|---------------------|----------|
| | | | Continued Flexing | Small Bend Radius | Flexible | Pliable (Static) | | | | | | | | | | |
| Jacketed Metallic | TYPE LA | 7 | | | • | Steel | PVC | • | • | | | • | • | | UL SF | |
| | TYPE LT | 8 | | • | • | Steel | PVC | | | | | • | | | JIC | |
| | TYPE LTFG | 9 | | • | • | Steel | PVC | | | | | • | | | NSF/FDA | |
| | TYPE EF | 10 | | • | • | Steel | PVC | | | | | • | | | JIC | |
| | TYPE LOR | 10 | | • | • | Steel | PVC | | | | | • | | | JIC | |
| | TYPE CBLA | 11 | | | • | Steel | PVC | • | • | | | • | • | | UL SF | |
| | TYPE CSA | 12 | | | • | Steel | PVC | • | | | | • | • | | SF | |
| | TYPE ATLA | 13 | | | • | Steel | PVC | • | • | | | • | • | | UL SF | |
| | TYPE AT | 14 | | | • | Steel | PVC | | | | | • | | | | |
| | TYPE ATX | 14 | | | • | Steel | TPR | | | • | | • | | | | |
| | TYPE VJC | 15 | | • | • | • | Steel | PVC | | | | • | | | | |
| | TYPE ALT | 15 | | | • | Aluminum | PVC | | | | | • | | | | |
| | TYPE ZHLA | 16 | | | • | Steel | PU | • | • | • | • | • | • | | UL | |
| | TYPE CEA | 17 | | | • | Steel | PU | | | • | • | • | • | | | |
| TYPE ACEA | 18 | | | • | Aluminum | PU | | | • | • | • | • | | | | |
| EMI / RFI | TYPE SLA | 22 | | | • | Steel | PVC | • | • | Available | Available | • | • | • | UL | |
| | TYPE EMS | 23 | | | • | Bronze | PVC | | | Available | Available | • | • | • | | |
| | TYPE EMCS | 23 | | | • | Bronze | PVC | | | Available | Available | • | • | • | | |
| Unjacketed Metallic | TYPE BR | 25 | | | • | Steel | | • | | | | | | | UL SF 3/8 | |
| | TYPE ABR | 26 | | | • | Aluminum | | | | | | | | | UL SF 3/8 | |
| | TYPE ABRH | 27 | | | • | Aluminum | | • | | | | | | | SF | |
| | TYPE FSC | 27 | | | • | Steel | | • | | | | | | | | |
| | TYPE USL | 28 | | • | • | Steel | | | | | | | | | RA | |
| | TYPE UG | 28 | | | • | • | Steel | | | | | | | | | |
| | TYPE SL | 29 | | • | • | • | Steel | | | | | | | | | |
| TYPE PF | 30 | | | • | Steel | | | | | | | | | UL | | |
| Nonmetallic | CORRLOK® | 32 | • | • | • | • | Nylon | • | | • | • | | • | | RA | |
| | TYPE LNM-P | 33 | • | | • | | PVC | | | | | FNMC-A | • | | UL SF | |
| | TYPE NM | 34 | | | • | | PVC | • | • | | | • | • | | UL SF | |
| | TYPE NMHT | 34 | | | • | | PVC | • | • | | | • | • | | UL | |
| | TYPE NM2 | 35 | | • | • | | PVC | | | | | • | • | | RA | |

Shield-Flex, SLA, EMS, EMCS, HFSLA, HFEMS & HFEMCS are trademarks of Electri-Flex Company, registered in the U.S. Patent and Trademark Office.

Conduit Application Guide

| | | | Temperature Range | | | | | | | | | | | General Chemical Resistance | | | | |
|---------------------|---|------------|-------------------|------|------|------|-----|------|------|------|------|------|------|-----------------------------|------|-------|---|---|
| | | | °C | -60° | -40° | -20° | 0° | 50° | 60° | 75° | 80° | 90° | 105° | 150° | | | | |
| | | | °F | -76° | -40° | -4° | 32° | 122° | 140° | 167° | 176° | 194° | 221° | 302° | Oils | Acids | | |
| | | | Conduit Type | Page | | | | | | | | | | | | | | |
| Jacketed Metallic |  | TYPE LA | 7 | | | | | | | | | | | | | | • | • |
| |  | TYPE LT | 8 | | | | | | | | | | | | | | • | • |
| |  | TYPE LTFG | 9 | | | | | | | | | | | | | | • | • |
| |  | TYPE EF | 10 | | | | | | | | | | | | | | • | • |
| |  | TYPE LOR | 10 | | | | | | | | | | | | | | • | • |
| |  | TYPE CBLA | 11 | | | | | | | | | | | | | | • | • |
| |  | TYPE CSA | 12 | | | | | | | | | | | | | | • | • |
| |  | TYPE ATLA | 13 | | | | | | | | | | | | | | • | • |
| |  | TYPE AT | 14 | | | | | | | | | | | | | | • | • |
| |  | TYPE ATX | 14 | | | | | | | | | | | | | | • | |
| |  | TYPE VJC | 15 | | | | | | | | | | | | | | • | • |
| |  | TYPE ALT | 15 | | | | | | | | | | | | | | • | • |
| |  | TYPE ZHLA | 16 | | | | | | | | | | | | | | • | |
| |  | TYPE CEA | 17 | | | | | | | | | | | | | | • | |
| |  | TYPE ACEA | 18 | | | | | | | | | | | | | | • | |
| EMI / RFI |  | TYPE SLA | 22 | | | | | | | | | | | | | • | • | |
| |  | TYPE EMS | 23 | | | | | | | | | | | | | • | • | |
| |  | TYPE EMCS | 23 | | | | | | | | | | | | | • | • | |
| Unjacketed Metallic |  | TYPE BR | 25 | | | | | | | | | | | | | | | |
| |  | TYPE ABR | 26 | | | | | | | | | | | | | | | |
| |  | TYPE ABRH | 27 | | | | | | | | | | | | | | | |
| |  | TYPE FSC | 27 | | | | | | | | | | | | | | | |
| |  | TYPE USL | 28 | | | | | | | | | | | | | | | |
| |  | TYPE UG | 28 | | | | | | | | | | | | | | | |
| |  | TYPE SL | 29 | | | | | | | | | | | | | | | |
| |  | TYPE PF | 30 | | | | | | | | | | | | | | | |
| Nonmetallic |  | CORRLOK® | 32 | | | | | | | | | | | | | • | | |
| |  | TYPE LNM-P | 33 | | | | | | | | | | | | | • | • | |
| |  | TYPE NM | 34 | | | | | | | | | | | | | • | • | |
| |  | TYPE NMHT | 34 | | | | | | | | | | | | | • | • | |
| |  | TYPE NM2 | 35 | | | | | | | | | | | | | • | • | |

Jacketed Metallic

Electri-Flex offers the broadest variety of liquidtight flexible metal conduits, ranging from UL listed and CSA certified products to specialized conduits designed for extreme temperatures, non-halogen, low smoke, RFI shielding and food grade applications.

These conduits offer the advantages of a flexible sealed raceway coupled with the strength of a metal core. For more information on our Jacketed Metallic Conduits, see below for an overview or continue through this section.

| Conduit Type | | Page |
|---|------------------|------|
|  | TYPE LA | 7 |
|  | TYPE LT | 8 |
|  | TYPE LTFG | 9 |
|  | TYPE EF | 10 |
|  | TYPE LOR | 10 |
|  | TYPE CBLA | 11 |
|  | TYPE CSA | 12 |
|  | TYPE ATLA | 13 |
|  | TYPE AT | 14 |
|  | TYPE ATX | 14 |
|  | TYPE VJC | 15 |
|  | TYPE ALT | 15 |
|  | TYPE ZHLA | 16 |
|  | TYPE CEA | 17 |
|  | TYPE ACEA | 18 |

NEW

Distinctive Characteristics Include:

- UL listed, CSA certified
- Halogen-free
- Flame-resistant
- High impact and crush strength
- Resistant to many chemicals
- Sunlight-resistant
- Withstands extreme temperature ranges

Applications/Vertical Markets:

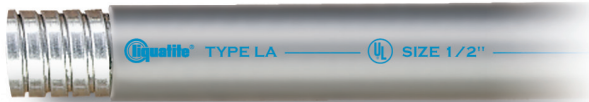
- Passenger Rail Vehicle Wiring
- Industrial Control Equipment
- Machine Tools
- Textile Machinery
- Molding/Extrusion Equipment
- Fiber Optics
- Medical Equipment
- Food and Pharmaceutical Equipment
- Healthcare
- Data Centers
- Waste Water Treatment
- Utility



We can blend to any color preference for quick identification of circuits.

See page 19 for details.

TYPE LA



A flexible steel conduit that is both listed by Underwriters Laboratories Inc. and certified by Canadian Standards Association. It offers outstanding protection against wet, oily conditions and is permitted for use in exposed or concealed locations.

CONSTRUCTION:

The flexible inner core is made from a spiral-wound strip of heavy-gauge, corrosion-resistant, hot-dipped galvanized steel. The 3/8 through 1-1/4 inch trade sizes are squarelock formed and include an integral bonding strip of copper that is enclosed within the convolutions throughout their entire length. The 1-1/2 through 4-inch trade sizes are designed with a fully interlocked strip.

The liquidtight jacketing material is of a high-quality, rugged, flame-retardant flexible PVC compound that resists oils, mild acids and exposure to sunlight. Refer to the Chemical Resistance Guide on our website for further information.

APPLICATION:

This conduit is intended for installation in accordance with Article 350 of the NEC® (ANSI/NFPA-70) and in section 14.5.4 of the ANSI/NFPA-79 Standard for Industrial Machinery:

- Listed and marked for direct burial and in poured concrete.
- For containment of 600 volt and lower potential circuits.
- Sunlight-resistant.
- Suitable as a grounding conductor when used for circuits rated up to 20A for the 3/8 and 1/2 inch grade sizes

and 60A for the 3/4 through 1-1/4 inch trade sizes in lengths six feet or less per NEC Article 250.118(6).

- Installations in hazardous (classified) locations:
 - Class I Div. 2: **Article 501.10(B)(2) & 501.30(B)**
 - Class II Div. 1: **Article 502.10(A)(2) & 502.30(B)** Div 2: **502.10(B)(2)**
 - Class III Div. 1: **Article 503.10(A)(2) & 503.30(B)** Div. 2: **503.10(A)(2)**
- Installed under raised floors in data processing areas. Articles 645.5(E)(2).
- Electric signs and outline lighting over 1,000 volts. Articles 600.7 600.32(A)(1).
- Permitted for service entrance wiring to six feet. Article 230.43.
- Used as feeders and services at marinas and boatyards. Article 553.7(B).
- Wiring on building. Article 225.10.
- Conductor enclosures adjacent to motors over 600V. Article 430.223.
- Underground service, feeder, branch circuit and recreational vehicle site feeder circuit conductors. Article 551.80.
- Elevators and hoistways. Article 620.21.
- Pools and fountains. Article 680.

- Bodies of water. Article 682.
- Fire pumps. Article 695.

Listed File #E29278. Conforms to Underwriters Laboratories Standard ANSI/UL-360 for Liquidtight Flexible Steel conduit.

RoHS and WEEE Compliant.

Certified File #LL18858. Conforms to CSA 22.2 No.56 for use per the Canadian Electrical Code C22.1 Section 12-1300.

STANDARD COLORS:

Machine Tool Gray and Black. Other colors available upon request. Blue is commonly used for computer room installations. See Type CBLA.

WORKING TEMPERATURES:

-30°C to 80°C Dry/60°C Wet/70°C Oil

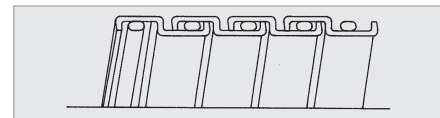
METAL USED: Steel

PLASTIC USED: PVC

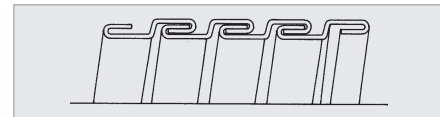
See the Chemical Resistance Guide on our website.



Squarelock with Filler SIZES: 3/8" — 1-1/4"



Interlock SIZES: 1-1/2" — 4"



| Trade Size (In.) | Type | Inside Bend Radius (In.) | Weight (Lbs.)/100 Ft. | Carton Footage | | Reel Footage | | | |
|------------------|-----------|--------------------------|-----------------------|----------------|-------------------|--------------|-------------------|--------|-------------------|
| | | | | Length | Part # Gray/Black | Length | Part # Gray/Black | Length | Part # Gray/Black |
| 3/8 | LA-10 | 2.0 | 29 | 100 | 20101/20801 | 500 | 20103/20803 | 1000 | 20104/20804 |
| 1/2 | LA-11 | 3.0 | 32 | 100 | 21101/21801 | 500 | 21103/21803 | 1000 | 21104/21804 |
| 3/4 | LA-12 | 4.2 | 53 | 100 | 22101/22801 | 500 | 22104/22804 | 1000 | 22110/22810 |
| 1 | LA-13 | 5.5 | 82 | 100 | 23102/23802 | 400 | 23104/23804 | - | -/- |
| 1-1/4 | LA-14 | 7.0 | 102 | 50 | 24102/24802 | 200 | 24104/24804 | - | -/- |
| 1-1/2 | LA-15 | 4.5 | 124 | 50 | 25102/25802 | 150 | 25104/25804 | - | -/- |
| 2 | LA-16 | 6.0 | 145 | 50 | 26102/26802 | 100 | 26104/26804 | - | -/- |
| 2-1/2 | LA/LT-17 | 8.0 | 192 | 25 | 27102/27802 | 275 | 27105/27805 | - | -/- |
| 3 | LA/LT-18 | 10.0 | 252 | 25 | 28102/28802 | 175 | 28105/28805 | - | -/- |
| 3-1/2 | LA/LT-350 | 11.0 | 308 | 25 | 28502/- | 175 | 28505/- | - | -/- |
| 4 | LA/LT-19 | 12.0 | 350 | 25 | 29102/29502 | 100 | 29105/29505 | - | -/- |

See page 37 for dimensions.

Standard Dimensions

LT—LOR—LTFG—EF—LA—CSA—ALT—AT—ATLA—ATX
 ACEA—CEA—ZHLA—SLA—EMS—EMCS—NM—NM2

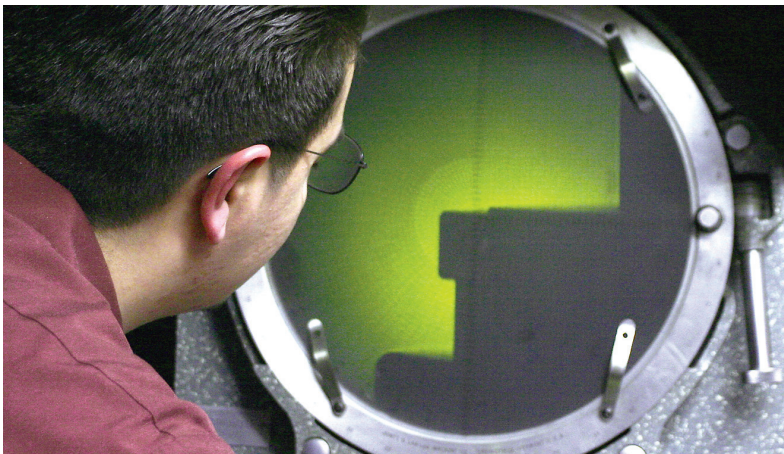
STANDARD DIMENSIONS FOR LIQUIDTIGHT FLEXIBLE CONDUIT

| Trade Size (in.) | Type | Diameter (in.) | | Diameter (mm) | |
|------------------|------|----------------|-----------------|----------------|-----------------|
| | | Inside Min/Max | Outside Min/Max | Inside Min/Max | Outside Min/Max |
| 1/4 | 140 | 0.245/0.265 | 0.450/0.470 | 6.2/6.7 | 11.4/11.9 |
| 5/16 | 516 | 0.385/0.405 | 0.570/0.590 | 9.8/10.3 | 14.5/15.0 |
| 3/8 | 10 | 0.484/0.504 | 0.690/0.710 | 12.3/12.8 | 17.5/18.0 |
| 1/2 | 11 | 0.622/0.642 | 0.820/0.840 | 15.8/16.3 | 20.8/21.3 |
| 3/4 | 12 | 0.820/0.840 | 1.030/1.050 | 20.8/21.3 | 26.2/26.7 |
| 1 | 13 | 1.041/1.066 | 1.290/1.315 | 26.4/27.1 | 32.8/33.4 |
| 1-1/4 | 14 | 1.380/1.410 | 1.630/1.660 | 35.1/35.8 | 41.4/42.2 |
| 1-1/2 | 15 | 1.575/1.600 | 1.865/1.900 | 40.0/40.6 | 47.4/48.3 |
| 2 | 16 | 2.020/2.045 | 2.340/2.375 | 51.3/51.9 | 59.4/60.3 |
| 2-1/2 | 17 | 2.480/2.505 | 2.840/2.875 | 63.0/63.6 | 72.1/73.0 |
| 3 | 18 | 3.070/3.100 | 3.460/3.500 | 78.0/78.7 | 87.9/88.8 |
| 3-1/2 | 350 | 3.500/3.540 | 3.960/4.000 | 88.9/89.9 | 100.6/101.6 |
| 4 | 19 | 4.000/4.040 | 4.460/4.500 | 101.6/102.6 | 113.3/114.3 |
| 5 | 500 | 4.975/5.035 | 5.505/5.565 | 126.4/127.9 | 139.8/141.4 |
| 6 | 600 | 6.015/6.075 | 6.565/6.625 | 152.8/154.3 | 166.8/168.3 |

This reference chart is applicable to the standard conduit types listed above. Please refer to individual product pages of this catalog for size ranges and dimensions for products not listed here.

COMMON CONVERSIONS

| Length | Weight | Temperature |
|-----------------------------|---------------------------|-------------------------|
| 1 Foot = 0.305 Meters | 1 Pound = 454 Grams | °C = Degrees Centigrade |
| 1 Meter = 3.281 Feet | 1 Pound = 0.454 Kilograms | °F = Degrees Fahrenheit |
| 1 Inch = 25.4 Millimeters | 1 Kilogram = 2.205 Pounds | °C = (°F - 32) ÷ 1.8 |
| 1 Millimeter = 0.039 Inches | 1 Gram = 0.035 Ounces | °F = (°C x 1.8) + 32 |
| 1 Inch = 2.54 Centimeters | 1 Ounce = 28.349 Grams | - |
| 1 Centimeter = 0.394 Inches | - | - |



NEMA Guidelines Publication

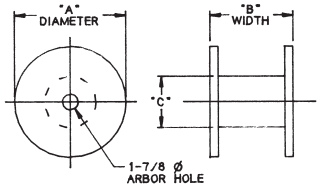
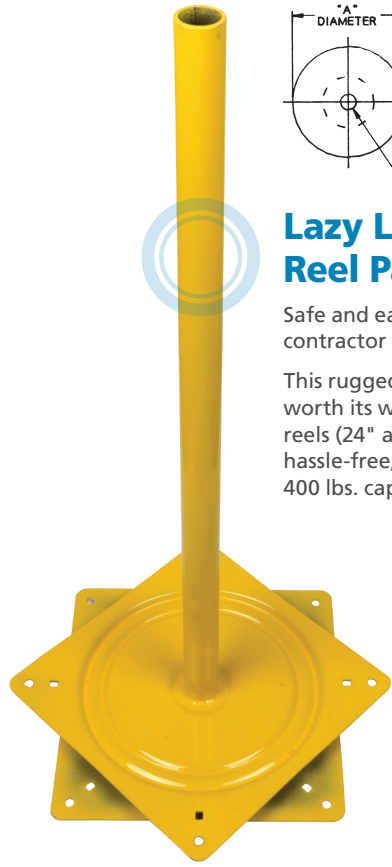
NEMA (National Electrical Manufacturers Association) has developed and published an APPLICATION AND INSTALLATION GUIDELINES FOR FLEXIBLE AND LIQUIDTIGHT FLEXIBLE METAL AND NONMETALLIC CONDUITS. This publication, NEMA RV 3-2010, is available at this link: www.nema.org/stds/rv3.cfm#download

Reel Dimensions

| Trade Size (in.) | Type | 58" | | | 42" | | | 30" | | | 32" Special | | | 24" | | |
|------------------|------|----------|----------|--------------|----------|--------------|----------|--------------|----------|--------------|-------------|--------------|----------|------|-----|-----|
| | | LT LA EF | LT LA EF | BR ABR LNM-P | LT LA EF | BR ABR LNM-P | LT LA EF | BR ABR LNM-P | LT LA EF | BR ABR LNM-P | LT LA EF | BR ABR LNM-P | LT LA EF | | | |
| 3/8 | 10 | 6000 | - | - | - | 1000 | 1000 | 1000 | 2000 | 1000 | - | - | - | 1000 | 500 | 500 |
| 1/2 | 11 | 4500 | - | - | 1000 | 1000 | 1000 | 1000 | 1000 | 500 | - | - | - | - | - | 500 |
| 3/4 | 12 | 2500 | 1000 | - | - | 500 | 500 | 500 | 500 | 500 | - | - | - | - | - | - |
| 1 | 13 | 1500 | - | - | - | 400 | - | 400 | 400 | 400 | - | 400 | - | - | - | - |
| 1-1/4 | 14 | 1000 | - | 400 | - | 200 | - | 200 | - | 200 | - | 200 | - | - | - | - |
| 1-1/2 | 15 | 750 | - | 300 | - | - | - | - | - | - | 150 | 150 | 150 | - | - | - |
| 2 | 16 | 500 | - | 150 | - | - | - | - | - | - | 100 | 150 | 100 | - | - | - |
| 2-1/2 | 17 | 275 | - | - | - | - | - | - | - | - | - | - | - | - | - | - |
| 3 | 18 | 175 | - | - | - | - | - | - | - | - | - | - | - | - | - | - |
| 3-1/2 | 350 | 175 | - | - | - | - | - | - | - | - | - | - | - | - | - | - |
| 4 | 19 | 100 | - | - | - | - | - | - | - | - | - | - | - | - | - | - |
| 5 | 500 | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - |
| 6 | 600 | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - |

APPROXIMATE REEL DIMENSIONS

| "A" (in.) | "B" (in.) | "C" (in.) | Weight (lbs.) | Qty./Skid |
|--------------|-----------|-----------|---------------|-----------|
| 24 | 19.5 | 12 | 17 | 4 |
| 30 | 19.5 | 12 | 21 | 4 |
| 32 (Special) | 19.5 | 14 | 23 | 4 |
| 42 | 20 | 24 | 70 | 1 |
| 58 (Jumbo) | 36 | 28 | 208 | 1 |



Lazy Louie Liquatite Reel Payout Stand

Safe and easy handling of conduit for contractor and high-rise work.

This rugged yet simple payout reel is worth its weight in gold. It easily handles reels (24" and 30" standard or 32" special) hassle-free, and can take loaded reels of 400 lbs. capacity.

Weight 11 lbs.

P/N 90040

Cartons

| Trade Size (in.) | Catalog Number | Standard Carton Type | |
|------------------|----------------|----------------------|-------|
| | | All | LNM-P |
| 3/8 | 10 | 100 | 250 |
| 1/2 | 11 | 100 | 200 |
| 3/4 | 12 | 100 | 175 |
| 1 | 13 | 100 | 100 |
| 1-1/4 | 14 | 50 | 100 |
| 1-1/2 | 15 | 50 | 50 |
| 2 | 16 | 50 | 50 |
| 2-1/2 | 17 | 25 | - |
| 3 | 18 | 25 | - |
| 3-1/2 | 350 | 25 | - |
| 4 | 19 | 25 | - |
| 5 | 500 | 25 | - |
| 6 | 600 | 25 | - |

Skids

STANDARD SKID QUANTITIES: 48" X40" X5"

| Trade Size (in.) | Cat. No. | Flex | Liquatite | Nonmetallic | |
|------------------|----------|----------|------------|-------------|------------|
| | | ABR, BR | EF, LA, LT | LNMP | NM |
| 3/8 | 10 | 60 coils | 45 Cartons | 7 Cartons | 60 Cartons |
| 1/2 | 11 | 25 coils | 45 Cartons | 7 Cartons | 60 Cartons |
| 3/4 | 12 | 25 coils | 24 Cartons | 7 Cartons | 48 Cartons |
| 1 | 13 | 28 coils | 20 Cartons | 7 Cartons | 30 Cartons |
| 1-1/4 | 14 | 28 coils | 20 Cartons | 7 Cartons | 16 Cartons |
| 1-1/2 | 15 | 28 coils | 5 Cartons | 7 Cartons | 16 Cartons |
| 2 | 16 | 28 coils | 5 Cartons | 6 Cartons | 16 Cartons |
| 2-1/2 | 17 | 5 coils | 5 Cartons | - | - |
| 3 | 18 | 5 coils | 5 Cartons | - | - |
| 3-1/2 | 350 | 5 coils | 5 Cartons | - | - |
| 4 | 19 | 4 coils | 5 Cartons | - | - |

Dimensions

| Carton Type | Size: h x d x w (in.) | Carton Product Size (in.) | Ftg. Per Carton |
|--------------------------------------|-------------------------|---------------------------|-----------------|
| Liquatite Types LA, LT and EF | | | |
| R1 | 15 x 14-3/8 x 7-3/4 | 1/4 | 250 |
| | | 5/16 | 250 |
| | | 3/8 | 100 |
| R2 | 17-5/8 x 16-3/4 x 8 | 1/2 | 100 |
| R3 | 20-3/4 x 20-3/8 x 8 | 3/4 | 100 |
| R4 | 25-1/4 x 24-1/2 x 8-1/4 | 1 | 100 |
| | | 1-1/4 | 50 |
| R6 | 33-5/8 x 37 x 10-3/8 | 1-1/2 | 50 |
| | | 2 | 50 |
| | | 2-1/2 | 25 |
| #3 | 52 x 52 x 8-1/2 | 3 | 25 |
| 3 & 4 | 60-1/4 x 60-1/4 x 6-1/2 | 3-1/2 | 25 |
| | | 4 | 25 |
| 5 & 6 | 66 x 66 x 12-1/2 | 5 | 25 |
| | | 6 | 25 |
| Nonmetallic Type LNM-P | | | |
| SMALL LNM-P | 34-3/4 x 34-3/4 x 7 | 3/8 | 250 |
| | | 1/2 | 200 |
| | | 3/4 | 175 |
| | | 1 | 100 |
| | | 1-1/4 | 100 |
| Large LNMP | 43 x 43 x 7-3/4 | 1-1/2 | 50 |
| | | 2 | 50 |
| Nonmetallic Type NM and NM2 | | | |
| - | 20 x 6 x 20 | 3/8 | 100 |
| - | 20 x 6 x 20 | 1/2 | 100 |
| - | 22 x 7 x 22 | 3/4 | 100 |
| - | 24 x 8 x 24 | 1 | 100 |
| - | 26 x 9 x 26 | 1-1/4 | 100 |
| - | 30 x 7 x 30 | 1-1/2 | 50 |
| - | 30 x 7 x 30 | 2 | 50 |

Packaging, Disclaimer and Warranty

DISCLAIMER

All specifications contained herein are subject to change without notice. Please refer to www.electriflex.com for the most current product information.

Carton and reel lengths are approximate due to variations during the extrusion process.

PRODUCT WARRANTY

The Electri-Flex Company manufactures its products to the specifications and standards as described in the most current Electri-Flex catalog and it warrants them to be free from defects in materials and workmanship.

Electri-Flex will, in the case of product claim, be liable for only the price of the goods purchased. Remedies with respect to products sold by Electri-Flex will be limited only to the right of replacement, or to repayment of user's price of its product.