

Standard Dimensions and Packaging

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Types:

Standard Dimensions for Liquidtight Flexible Conduit

LT - LOR - EF - LA - CSA - ALT - AT

ATLA - ATX - CEA - ZHLA - SLA

EMS - EMCS - NM - NM2

Cartons

Click for the [Engineering Information Page](#)

All standard lengths packaged in specially-designed, functional cartons to eliminate knots and tangels. These compact cartons save storage and warehouse space, making handling easier. Each carton label is clearly marked and color coded with conduit size, type, color, footage and carry the NEMA and NAED bar code standards.

Special cut Lengths Available

Electri-Flex Company maintains a department dedicated to "cut-to-length" orders. Consult factory or our authorized distributor for details

Trade Size	Type	Inner Diameter Min / Max Inches	Outer Diameter Min / Max Inches	Inner Diameter Min / Max Millimeters	Outer Diameter Min / Max Millimeters
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



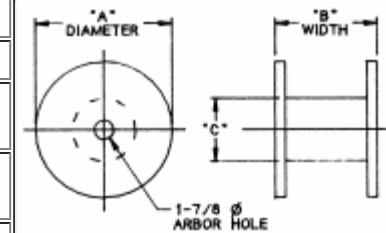
Trade Size	Catalog No.	Standard Carton All Types	Standard Carton Type LNM-P
3/8"	10	100	250
1/2"	11	100	200
3/4"	12	100	175
1"	13	100	100
1-1/4"	14	50	100
1-1/2"	15	50	50
2"	16	50	50
2-1/2"	17	25	-
3"	18	25	-
3-1/2"	350	25	-
4"	19	25	-
5"	500	25	-
6"	600	25	-

This Reference Chart is applicable to the standard conduit types listed above. Please refer to individual sections of this site for size ranges and dimensions for products not listed here.

Reel Sizes

Approx. Reel Dimensions

Trade Size	Type	58" LT LA EF	42" LT LA EF	42" BR ABR	42" LNM-P	30" LT	30" LA	30" EF	30" BR ABR	30" LNM-P	32" Special LT	32" Special LA	32" Special EF	24" BR ABR	24" LNM-P	24" 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	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-



"A"	"B"	"C"	Weight (lbs)	Qty. per Skid
24"	19-1/2"	12"	17	4
30"	19-1/2"	12"	21	4
32" SPECIAL	19-1/2"	14"	23	4
42"	20"	24"	70	1
58" (Jumbo)	36"	28"	208	1

Conduit Cutting

ELECTRI-FLEX CUTTING VISE

A simple way to increase productivity in the contractor and industrial areas.



Time is money and that's what this **ELECTRI-FLEX CUTTING VISE** was designed to save. It quickly and accurately cuts conduit, raceways, etc., and that means there are no ragged ends, crushed or out-of-round conduit, or jagged bias cuts that have to be re-cut. It saves both time and materials. And it's built rugged to last for years.

Cutting Flexible Conduits

Proper cutting methods for flexible conduits are important to ensure a sealed connection when assembled with intended fittings. Furthermore, in case of flexible conduits containing steel, a clean, square cut is necessary for establishing a good connection for continuity of the ground

Hand Cutting in field

When using a hand held hack saw, care should be taken to make a square clean cut. This can be easily achieved through the use of the cutting vise shown on this page. For best results, a blade having 24 to 32 teeth per inch with no-set is recommended. For larger sizes, apply reinforced tape around the circumference of the conduit and cut directly through the middle of the tape. This will reduce the possibility of flaring the ends while cutting.

Repetitive Production Cutting

It has been our experience that in order to archive the best results; a band saw having a blade with 24 to 34 teeth per inch at a speed of 300 to 350 feet per minute should be used. A no-set blade will produce the cleanest cut. Conduit should be held and supported in a safe manner. Abrasive cut-off wheels and chop saws are not recommended.

For 3/8" to 1-1/2" Liquatite
Weight 2.4 pounds
P/N 90030

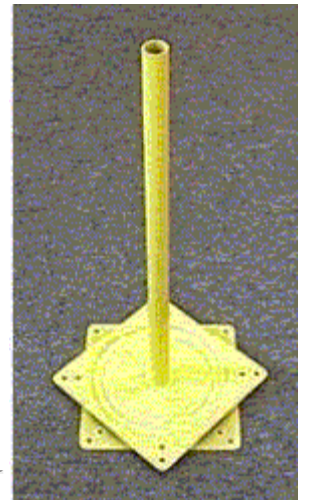
LAZY LOUIE LIQUATITE REEL PAYOUT STAND

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.

The tough steel construction of the base, roller bearings and top plate are trouble less. The tubular shaft makes set up and handling a breeze. There's never a need of a hoist or a forklift to push the reels around. With the LAZY LOUIE you set up just where you want to work and that's it.

Weight 11 pounds
P/N 90040



® Electri-Flex Company 1-800-323-6174