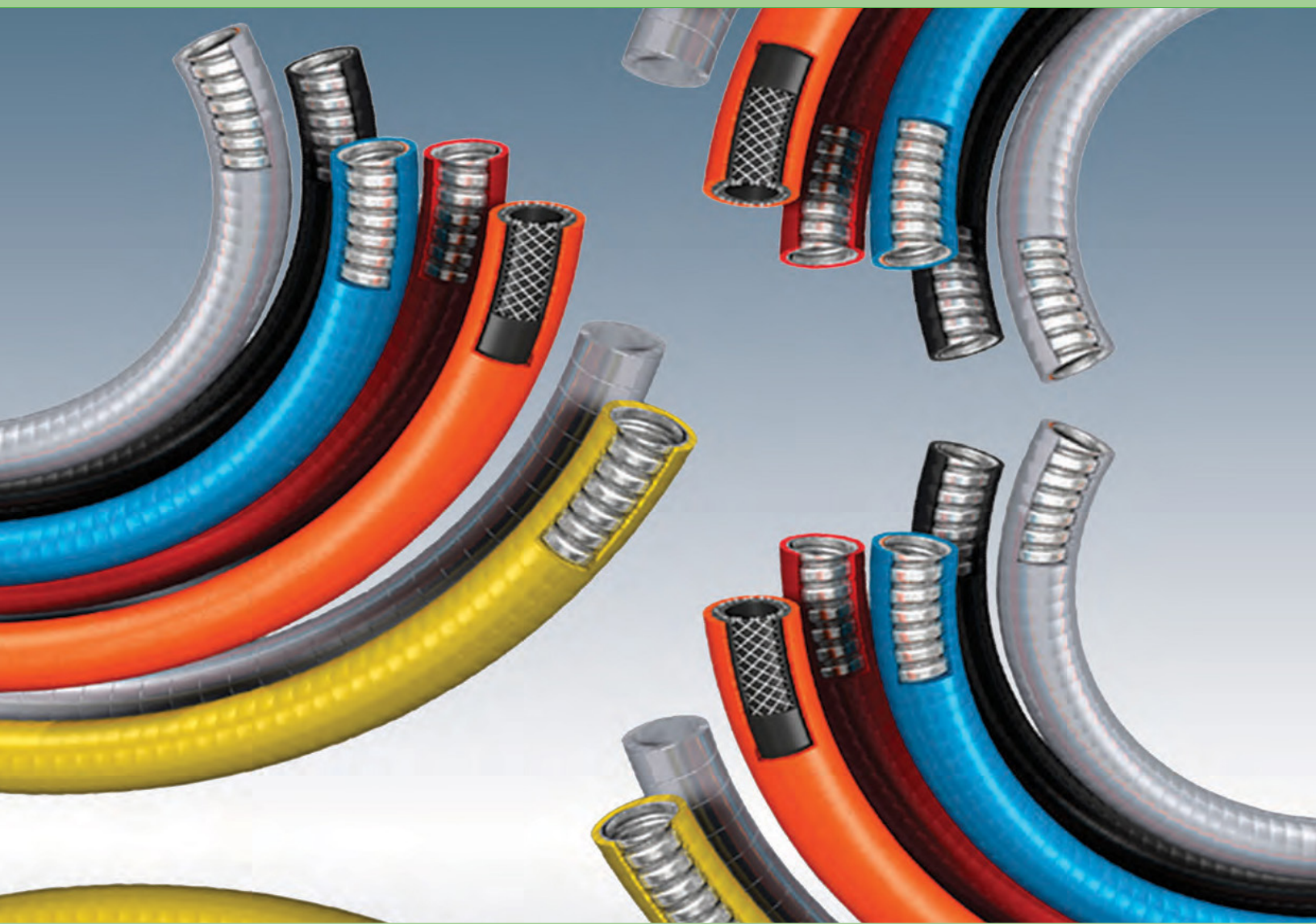


Continuous Length Flexible Conduit

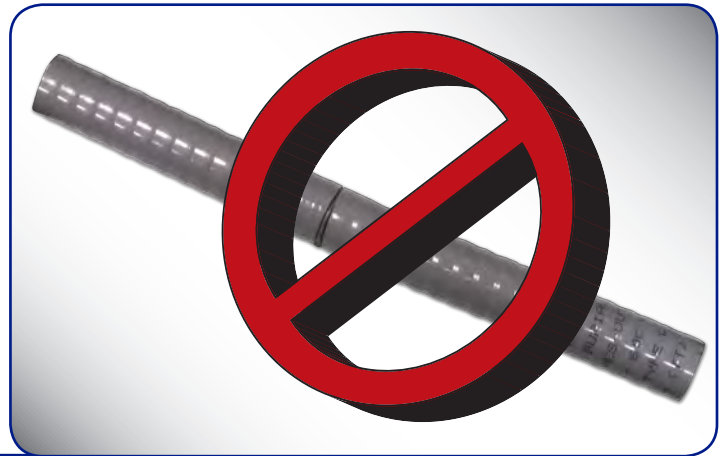


Atkore[™]
AFC Cable
Systems

Features and Benefits

Flexible Non-Metallic Conduit Master reels do not have splices.

- Continuous length throughout the reel
- No joints for wires to get caught on within the conduit



Longer reels without splices/solder joints allow for labor savings and reduction in waste.

- Eliminate time spent connecting shorter pieces



Continuous length reels are lightweight and easy to handle and flexible

- No worry about conduit snapping at the joint
- No solder joints or connectors eliminating possible weak point in the conduit
- Eliminates potential damage to conductors due to debris left in conduit from solder process



Long Length Flexible Non-Metallic Conduit Master Reels

UL Liquidtight Flexible Non-Metallic Conduit - Type LFNC-B

DESCRIPTION

- UL Listed and CSA certified
- Rugged Non-Metallic PVC
- Interior integral reinforced member within conduit wall
- Integral Type B construction per NEC® 356.2(2)
- Rigid PVC spiral core for strength
- Outdoor applications including direct burial
- Rated for concrete embedment
- Sunlight and oil resistant
- Non-conductive raceway

← LIQUID-TUFF™ - TYPE LFNC - B →

TEMPERATURE RATING

- 80°C Dry
- 60°C Wet
- 70°C Oil resistant
- 20°C After installation

APPLICATIONS

- 3/8" through 2" rated for direct burial and poured concrete
- Hazardous locations where Flexible Connections are required per NEC® 501.10(B)(2)(4), 502.10(A)(2)(3), 502.10(B)(1)(1), 502.10(B)(2), 503.10(A)(3)(3), 503.10(B), 504.20
- Industrial and commercial applications
- Indoor or outdoor locations
- Suitable for pool and spa use
- Air conditioning and HVAC units

REFERENCES & RATINGS

- UL 1660, UL File E123464
- CSA C 22.2 No. 227.2.1
- CSA File 69271
- NEC® 356, 390.15, 501.10(B)(2), 502.10(A)(2), 503.10(A)(2), 511.7(A)(1), 620.21, 680.21, 680.23, 680.25, 680.27, 680.42, 695.6(E), and 695.14(E)
- Made in USA of US and/or imported materials

UL LIQUIDTIGHT FLEXIBLE NON-METALLIC CONDUIT - TYPE LFNC-B

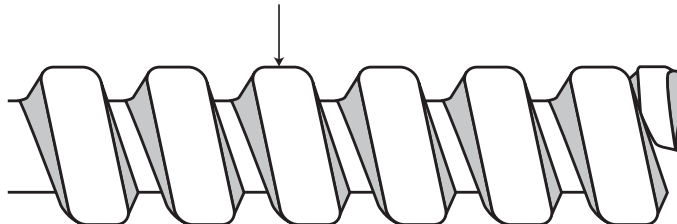
PRODUCT CODE	TRADE SIZE (in.)	TRADE SIZE (mm.)	REEL LENGTH	APPROXIMATE WEIGHT / 1000lbs	INTERNAL DIAMETER Min/Max	EXTERNAL DIAMETER Min/Max	BEND RADIUS
6002-45-00	1/2	16	500	13	0.622/0.642	0.820/0.840	3.25
6002-60-00	1/2	16	1,000	13	0.622/0.642	0.820/0.840	3.25
6002-68-00	1/2	16	3,500	13	0.622/0.642	0.820/0.840	3.25
6003-45-00	3/4	21	500	18	0.820/0.840	1.030/1.050	4.25
6003-60-00	3/4	21	1,000	18	0.820/0.840	1.030/1.050	4.25
6003-65-00	3/4	21	2,500	18	0.820/0.840	1.030/1.050	4.25
6004-45-00	1	27	500	27	1.041/1.066	1.290/1.315	6.5
6004-47-00	1	27	750	27	1.041/1.066	1.290/1.315	6.5
6004-60-00	1	27	1,000	27	1.041/1.066	1.290/1.315	6.5

NOTE: All dimensions and weights are subject to normal manufacturing tolerances

Long Length Flexible Metallic Conduit Master Reels

UL Reduced Wall Steel Flexible Metal Conduit - Type RW FSC & Type RW FAC

Interlocking Steel Armor



STEEL DESCRIPTION

- Interlocking Steel Armor
- Reduced Wall Flexible Steel Conduit
- High grade hot dipped zinc galvanized low carbon steel
- Interlocking design
- Corrosion resistant

APPLICATIONS

- Flexible metal raceway for electrical power, control and communication cables
- Motor leads
- Listed assemblies
- Listed wire fixtures
- Manufactured wiring systems

REFERENCES & RATINGS

- UL 1, UL 1479, File Reference E11831, CSA File Number 15035, CSA C22.2 No. 56 (trade size 3/8 only)
- Federal Specification WW-C-566C, (now superseded by UL 1)
- NEC® 250.118(5), 300.22(C), 348, 430.223, 501.10(B)(2), 645.5
- Cable Tray installations per NEC®
- Environmental Air-Handling space installation NEC® 300.22(C)
- UL Classified 1, 2 and 3-hour Through-Penetration Fire Systems UL File R14141
- Made in USA of US and/or imported materials

ALUMINUM DESCRIPTION

- Lightweight Reduced Wall Aluminum Flexible Conduit
- Premium aluminum alloy
- Interlocking design

APPLICATIONS

- Flexible metal raceway for electrical power, control and communication cables
- Motor leads
- Listed assemblies
- Listed wire fixtures
- Manufactured wiring systems

REFERENCES & RATINGS

- UL 1, UL 1479, File Reference E11831, CSA File Number 15035, CSA C22.2 No. 56 (trade size 3/8 only)
- Federal Specification WW-C-566C, (now superseded by UL 1)
- NEC® 250.118(5), 300.22(C), 348, 430.223, 501.10(B)(2), 645.5
- Cable Tray installations per NEC®
- Environmental Air-Handling space installation NEC® 300.22(C)
- UL Classified 1, 2 and 3-hour Through-Penetration Fire Systems UL File R14141
- Los Angeles may allow longer lengths for grounding, check local codes for details, Application 93227
- Made in USA of US and/or imported materials

Long Length Flexible Metallic Conduit Master Reels

UL REDUCED WALL STEEL FLEXIBLE METAL CONDUIT - TYPE RW FSC

PART NUMBER	TRADE SIZE (in.)	TRADE SIZE (mm.)	REEL LENGTH (ft.)	APPROXIMATE WEIGHT / 100lbs.	INTERNAL DIAMETER	EXTERNAL DIAMETER	BEND RADIUS
5506-35-00	1½	41	150	76	1.500/1.575	1.850/1.950	7.5
5506-80-00	1½	41	300	76	1.500/1.575	1.850/1.950	7.5
5506-62-00	1½	41	600	76	1.500/1.575	1.850/1.950	7.5
5506-47-00	1½	41	750	76	1.500/1.575	1.850/1.950	7.5
5507-30-00	2	53	100	100	2.00/2.080	2.350/2.450	10
5507-35-00	2	53	150	100	2.00/2.080	2.350/2.450	10
5507-80-00	2	53	300	100	2.00/2.080	2.350/2.450	10
5507-45-00	2	53	500	100	2.00/2.080	2.350/2.450	10
5508-30-00	2½	63	100	165	2.500/-	2.860/3.060	12.50
5508-35-00	2½	63	150	165	2.500/-	2.860/3.060	12.50
5508-45-00	2½	63	500	165	2.500/-	2.860/3.060	12.50
5509-30-00	3	78	100	197	3.000/-	3.360/3.560	15
5509-80-00	3	78	300	197	3.000/-	3.360/3.560	15
5510-30-00	3½	91	100	230	3.500/-	3.860/4.060	17
5510-40-00	3½	91	200	230	3.500/-	3.860/4.060	17
5511-30-00	4	103	100	263	4.000/-	4.360/4.560	20
5511-40-00	4	103	200	263	4.000/-	4.360/4.560	20

NOTE: All Plywood Reels

UL REDUCED WALL ALUMINUM FLEXIBLE METAL CONDUIT - TYPE RW FAC

PART NUMBER	TRADE SIZE (in.)	TRADE SIZE (mm.)	REEL LENGTH (ft.)	APPROXIMATE WEIGHT / 100lbs.	INTERNAL DIAMETER	EXTERNAL DIAMETER	BEND RADIUS
5606-35-00	1½	41	150	26	1.500/1.575	1.850/1.950	7.5
5606-80-00	1½	41	300	26	1.500/1.575	1.850/1.950	7.5
5606-62-00	1½	41	600	26	1.500/1.575	1.850/1.950	7.5
5606-47-00	1½	41	750	26	1.500/1.575	1.850/1.950	7.5
5607-30-00	2	53	100	35	2.00/2.080	2.350/2.450	10
5607-35-00	2	53	150	35	2.00/2.080	2.350/2.450	10
5607-45-00	2	53	500	35	2.00/2.080	2.350/2.450	10
5607-62-00	2	53	600	35	2.00/2.080	2.350/2.450	10
5608-30-00	2½	63	100	57	2.500/-	2.860/3.060	12.50
5608-35-00	2½	63	150	57	2.500/-	2.860/3.060	12.50
5608-45-00	2½	63	500	57	2.500/-	2.860/3.060	12.50
5609-30-00	3	78	100	68	3.000/-	3.360/3.560	15
5609-80-00	3	78	300	68	3.000/-	3.360/3.560	15
5610-30-00	3½	91	100	80	3.500/-	3.860/4.060	17
5610-40-00	3½	91	200	80	3.500/-	3.860/4.060	17
5611-30-00	4	103	100	91	4.000/-	4.360/4.560	20
5611-40-00	4	103	200	91	4.000/-	4.360/4.560	20

NOTE: All Plywood Reels



Allied Tube & Conduit ▴ AFC Cable Systems ▴ Heritage Plastics ▴ Unistrut
Unistrut Construction ▴ Cope ▴ US Tray ▴ Calbrite ▴ Calbond ▴ Kaf-Tech
Columbia-MBF ▴ Eastern Wire + Conduit ▴ ACS/Uni-Fab ▴ Cii
Power-Strut ▴ Calconduit ▴ Razor Ribbon ▴ Calpipe Security
FRE Composites ▴ Vergokan ▴ Flexicon ▴ Marco

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