

## Reduced Wall Flexible Steel Conduit Type RW FSC

### Description

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

### Applications

- Flexible Steel Conduit (FSC): A raceway of circular cross-section made of helically wound, interlocked galvanized steel strip.
- Suitable for use in accordance with NEC® Article 348 Flexible Metal Conduit Type FMC
- Suitable for use in exposed and concealed locations
- Suitable for utilization equipment per NEC® 348.20(A)(2)(a)
- Suitable as part of a listed assembly per NEC® 348.20(A)(2)(b)
- Suitable for use as an equipment ground in accordance with NEC® 250.118(5)
- Suitable for use in Other Spaces Used for Environmental Air (Plenums) per NEC® 300.22(C)
- Suitable for use in Cable Trays per NEC® 392.10(A) and Table 392.10(A)
- Suitable raceway for Tap Conductors for Luminaires per NEC® 348.20(A)(2)(c) and 410.117(C)
- Suitable for use as a connection to a motor terminal enclosure per NEC® 430.223
- Suitable for use in Class I Division 2 per NEC® 501.10(B)(2)(1)
- Suitable for use in Neon Secondary-Circuit Wiring 1000V or Less per NEC® 600.31(A)
- Suitable for use in Neon Secondary-Circuit Wiring Over 1000V per NEC® 600.32(A)(1)
- Suitable for use in Manufactured Wiring Systems per 604.6(A)(2)
- Suitable for use in Elevators, Dumbwaiters, Escalators, Moving walks, Platform and Stairway Chairlifts per NEC® 620.21
- Suitable for use Under Raised Floors per NEC® 645.5(E)
- Suitable for use in Solar Photovoltaic (PV) Systems per NEC® 690.31(A)
- Suitable for use in Fuel Cell Systems per NEC® 692.31
- Suitable for Wind Electric Systems per NEC® 694.30(A)
- Suitable for Critical Operations Power Systems (COPS) where flexibility is required per NEC® 708.10(C)(1)(3)
- Suitable for Optical Fiber Cables for installation within buildings per NEC® 770.110(A)(1)
- Suitable for Communications Circuit Wires and Cables for installation within buildings per NEC® 800.110(A)(1)
- Suitable for Community Antenna Television and Radio Coaxial Cables for installation within buildings per NEC® 820.110(A)(1)
- Suitable for Low and Medium Power Network-Powered Broadband Cables for installation within buildings per NEC® 830.110(A)(1)

### References & Ratings

- NFPA 70 National Electric Code (NEC®) Articles 348, 250, 300, 392, 410, 423, 430, 501, 600, 604, 620, 645, 690, 692, 694, 708, 770, 800, 820 and 830
- UL 1 Standard for Flexible Metal Conduit UL File Number E11831  
Federal Specification WW-C-566C  
superseded by UL 1
- UL 1479 Fire Tests of Through-Penetration Firestops UL File Number R14141  
UL Classified Through-Penetrating Product for Use in Through-Penetration Firestop Systems
- NEMA RV 3 Application and Installation Guidelines for Flexible and Liquidtight Flexible Metal Conduits
- C22.2 No. 56 CSA Standard for Flexible Metal Conduit and Liquid-Tight Flexible Metal Conduit  
The 3/8 Trade Size is the only Type RW FMC that is CSA Certified

ORDERING INFORMATION						PRODUCT DIMENSIONS/BEND RADIUS		
Product Code	Trade Size (inches)	Trade Size (mm)	Coil Length (feet)	Reel Length (feet)	Approx.Weight/ 100 feet (pounds)	Internal Diameter (min/max) inches	External Diameter (min/max) inches	Bend Radius inches (mm)
5501-22-00*	3/8	12	25'	—	17	0.375/0.393	0.560/0.610	2
5501-24-00*	3/8	12	50'	—	17	0.375/0.393	0.560/0.610	2
5501-30-00*	3/8	12	100'	—	17	0.375/0.393	0.560/0.610	2
5501-42-00*	3/8	12	250'	—	17	0.375/0.393	0.560/0.610	2
5501-45-00*	3/8	12	—	500'	17	0.375/0.393	0.560/0.610	2
5501-60-00*	3/8	12	—	1000'	17	0.375/0.393	0.560/0.610	2
5502-22-00	1/2	16	25'	—	27	0.625/0.645	0.860/0.920	3
5502-24-00	1/2	16	50'	—	27	0.625/0.645	0.860/0.920	3
5502-30-00	1/2	16	100'	—	27	0.625/0.645	0.860/0.920	3
5502-45-00	1/2	16	—	500'	27	0.625/0.645	0.860/0.920	3
5502-60-00	1/2	16	—	1000'	27	0.625/0.645	0.860/0.920	3
5503-22-00	3/4	21	25'	—	35	0.812/0.835	1.045/1.105	4
5503-24-00	3/4	21	50'	—	35	0.812/0.835	1.045/1.105	4
5503-30-00	3/4	21	100'	—	35	0.812/0.835	1.045/1.105	4
5503-45-00	3/4	21	—	500'	35	0.812/0.835	1.045/1.105	4
5503-60-00	3/4	21	—	1000'	35	0.812/0.835	1.045/1.105	4
5504-24-00	1	27	50'	—	51	1.000/1.040	1.300/1.380	5
5504-80-00	1	27	—	300'	51	1.000/1.040	1.300/1.380	5
5505-24-00	1-1/4	35	50'	—	63	1.250/1.300	1.550/1.630	6.25
5505-40-00	1-1/4	35	—	200'	63	1.250/1.300	1.550/1.630	6.25
5506-22-00	1-1/2	41	25'	—	76	1.500/1.575	1.850/1.950	7.50
5506-35-00	1-1/2	41	—	150'	76	1.500/1.575	1.850/1.950	7.50
5506-80-00	1-1/2	41	—	300'	76	1.500/1.575	1.850/1.950	7.50
5507-22-00	2	53	25'	—	100	2.000/2.080	2.350/2.450	10
5507-30-00	2	53	—	100'	100	2.000/2.080	2.350/2.450	10
5507-35-00	2	53	—	150'	100	2.000/2.080	2.350/2.450	10
5508-22-00	2-1/2	63	25'	—	165	2.500/—	2.860/3.060	12.5
5508-35-00	2-1/2	63	—	150'	165	2.500/—	2.860/3.060	12.5
5509-22-00	3	78	25'	—	197	3.000/—	3.360/3.560	15
5509-30-00	3	78	—	100'	197	3.000/—	3.360/3.560	15
5510-22-00	3-1/2	91	25'	—	230	3.500/—	3.860/4.060	17.5
5510-30-00	3-1/2	91	—	100'	230	3.500/—	3.860/4.060	17.5
5511-22-00	4	103	25'	—	263	4.000/—	4.360/4.560	20
5511-30-00	4	103	—	100'	263	4.000/—	4.360/4.560	20

NOTE: All dimensions and weights are subject to normal manufacturing tolerances. \*CSA certified. Review NEC® 348.60 and 250.118(5) for grounding requirements.  
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