



INTERNATIONAL FLEXIBLE STEEL CONDUIT

(UL LISTED. REDUCED WALL STEEL. TYPE RWS)

FEATURES:

- Steel construction
- Premium hot dip galvanized zinc coating
- Superior corrosion resistance
- Smooth interior for easy wire pull-thru
- Easy installation to follow contours
- Available cut to custom lengths
- Extra flexibility for simplified positioning
- Listed connectors available from leading manufacturers
- RoHS WEEE compliant

- For fixture whip and modular wiring assemblies, a special version lays straight and flat when cut, to give consistent lengths and easy wire insertion
- Complies with UL-1 File number E25633, Federal Specification WW-C-566C
- 5/16" and 3/8" RWS are CSA Certified, File number 14901
- Available in units cut to specific lengths – consult factory
- +400° F Maximum temperature

NEC Articles:

- Article 250.102, 250.118(5) and 250.134 (B) Equipment Grounding
- Article 348 flexible metal conduit. (FMC)
- Article 430.223 Raceway connection to motors
- Article 501.10, Class I, Div. 2: Classes II and III
- Article 502.10, Class II, Div. 1 & 2
- Article 503.10, Class III, Div. 1 & 2
- Article 604.6 manufactured wiring system
- Article 620.21 Elevators, Escalators and Platform Lifts
- Article 645/5 (D) (2) Information Technology Equipment

USES:

International Flexible Steel Conduit can be used where Underwriters Laboratories listing is required. The 3/8" and 5/16" Trade size also carries Canadian Standards Certification.

SPECIFICATIONS:

| Trade Size And Catalog Number | Acceptable Internal Diameter | | Acceptable External Diameter | | Bending Radius in Inches | Approx. Weight of 100 Ft. | Approx. Feet Per Standard Coil |
|-------------------------------|------------------------------|-------|------------------------------|-------|--------------------------|---------------------------|--------------------------------|
| | Min. | Max. | Min. | Max. | | | |
| RWS-5/16† | 0.312 | ---- | 0.470 | 0.510 | 1-3/4 | 13 | 250 or 500 |
| RWS-3/8† | 0.375 | 0.393 | 0.560 | 0.610 | 2 | 19.5 | 100 or 250 |
| RWS-1/2 | 0.625 | 0.645 | 0.860 | 0.920 | 3 | 27 | 100 |
| RWS-3/4 | 0.812 | 0.835 | 1.045 | 1.105 | 4 | 35.1 | 100 |
| RWS-1 | 1.000 | 1.040 | 1.300 | 1.380 | 5 | 52 | 50 |
| RWS-1-1/4 | 1.250 | 1.300 | 1.550 | 1.630 | 6-1/4 | 62 | 50 |
| RWS-1-1/2 | 1.500 | 1.575 | 1.850 | 1.950 | 7-1/2 | 88 | 25 |
| RWS-2 | 2.000 | 2.080 | 2.350 | 2.450 | 10 | 114 | 25 |
| RWS-2-1/2 | 2.500 | ---- | 2.860 | 3.060 | 12-1/2 | 184 | 25 |
| RWS-3 | 3.000 | ---- | 3.360 | 3.560 | 15 | 202 | 25 |
| RWS-3-1/2 | 3.500 | ---- | 3.860 | 4.060 | 17-1/2 | 156 | 25 |
| RWS-4 | 4.000 | ---- | 4.360 | 4.560 | 20 | 210 | 25 |

Special packaging available on certain sizes - contact factory for specifics
 † CSA Certified per CSA C22.2 File number 14901. May be supplied with dual listing for UL/CSA
 Standard length tolerance on packaging +/- 2%



RWS



INTERNATIONAL
METAL HOSE COMPANY

QUALITY MATERIALS • QUALITY MANUFACTURING
QUALITY PERFORMANCE

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