



INTERNATIONAL FLEXIBLE ALUMINUM CONDUIT

(UL LISTED. REDUCED WALL ALUMINUM. TYPE RWA)

FEATURES:

- Primary aluminum alloy construction
- Tempered alloy for maximum strength
- Lightweight, easy to cut
- Superior corrosion resistance
- Smooth interior for easy wire pull-thru
- Easy installation to follow contours
- Exceptional crush proof qualities
- Built-in flexibility for simplified positioning
- +400° F Maximum temperature
- RoHS WEEE compliant

- Available in units cut to specific lengths – consult factory
- Listed connectors available from leading manufacturers
- Complies with UL-1 File number E25633, NEC Article 348 and Federal Specification WW-C-566C
- Firewall penetration rating one and two hours per UL 1479 File number 14879 and ANSI standards E119 and E814
- One-third the weight of steel
- 5/16" and 3/8" RWA are CSA Certified, File number 14901

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 Aluminum Conduit allows electrical contractors to run hundreds of feet of conduit without installing connectors between sections of conduit or the need for frequent braces to support the weight.

SPECIFICATIONS:

Trade Size And Catalog Number	Acceptable Internal Diameter Min. Max.	Acceptable External Diameter Min. Max.	Bending Radius in Inches	Approx. Weight of 100 Ft.	Approx. Feet Per Standard Coil
RWA-5/16†	0.312 ----	0.470 0.510	1-3/4	6.5	250 or 500
RWA-3/8†	0.375 0.393	0.560 0.610	2	7	100 or 250
RWA-1/2	0.625 0.645	0.860 0.920	3	10	100
RWA-3/4	0.812 0.835	1.045 1.105	4	11	100
RWA-1	1.000 1.040	1.300 1.380	5	20	50
RWA-1-1/4	1.250 1.300	1.550 1.630	6-1/4	22	50
RWA-1-1/2	1.500 1.575	1.850 1.950	7-1/2	44	25
RWA-2	2.000 2.080	2.350 2.450	10	44	25
RWA-2-1/2	2.500 ----	2.860 3.060	12-1/2	60	25
RWA-3	3.000 ----	3.360 3.560	15	74	25
RWA-3-1/2	3.500 ----	3.860 4.060	17-1/2	106	25
RWA-4	4.000 ----	4.360 4.560	20	128	25

Special packaging available on certain sizes - contact factory for specifics

Standard length tolerance on packaging +/- 2%

1" through 4" are available on reels – consult factory.

† CSA Certified for CSA C22.2 File number 14901. May be supplied with Dual listing for UL/CSA.



RWA



INTERNATIONAL
METAL HOSE COMPANY

QUALITY MATERIALS • QUALITY MANUFACTURING
QUALITY PERFORMANCE

520 Goodrich Road – Bellevue, OH 44811-0149 – Phone: 419.483.7690
Fax: 419.483.8225 – Toll Free: 800.458.6855 – www.metalhose.com