Type ABR

Aluminum "Blue Ribbon" (ABR) This UL listed non-jacketed flexible aluminum conduit has many universal wiring applications. It is often referred to as "Greenfield" or "Reduced Wall Flex".



All Products Proudly Made in the USA

Construction:

- High Strength Aluminum Alloy
- Helically wound, formed strip
- Reduced Wall Aluminum Gauge
- Approximately 1/3 the weight of RWS

Application:

This conduit is intended for installation as a metal raceway for wires and cable in accordance with the NEC (ANSI/NFPA-70). Article 348.

- Permitted to be used in exposed and concealed locations (Section 348.10)
- For containment of 1000 volt and lower potential circuits (Unless otherwise permitted)
- Grounding conductor requirement for flexible installations (Section 348.60)
- Suitable as an equipment grounding conductor (Section 250.118(5))
- Wiring in elevators, hoist ways and escalators. (Section 620.21)
- Limit on use of 3/8 inch trade size. (Section 348.20)
- Raceway connection to motors (Section 430.223)
- Cranes and hoists (Section 610.11)
- Manufactured Wiring Systems (Section 604.6(a))
- Suitable for use with listed connectors intended for FMC (Flexible Metal Conduit)
- Flexible metal conduit is also permitted for use on industrial machinery (ANSI/NFPA-79) (Section 14.5.4).

Markets:

Construction, Fixture / AC Whips, Security, Wastewater Treatment

Product Information

CERTIFICATIONS & COMPLIANCE

Listed File #E53253 (sizes 3/8 &1/2 through 3 inch). Conforms to Underwriters Laboratories

Standard ANSI/UL-1 for Flexible Metal Conduit.

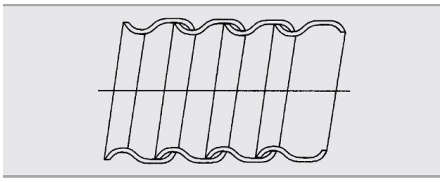
Certified File #LL18858 (3/8 & 7/16 inch size only) Conforms to CSA 22.2 No. 56 for use per the Canadian electrical code C22.1 Section 12-1000.

Meets Federal Specification **A-A-55810 Type II**. (Formerly WW-C-566c Type I)

WEEE and RoHS Compliant

BS EN IEC 61386 Classification Code 445740300213 **CE Declaration**

ARRA: For ARRA Certification Letter, please **click here**



Types BR and ABR Strip Profile

Product Table

				Internal Diameter		Outside Diameter		Inside Bend Radius	Weight				
US Trade Size	ISO (MM)	CSA (MM)	Type	Min (MM)	Max (MM)	Min (MM)	Max (MM)	Static (MM)	(Kgs) per 30 meters	Coil (Mtrs)	Part #	Reel (Mtrs)	Part #
3/8"	16	12	ABR-10	9.5	10.0	14.2	15.5	51	3	30	69401	300	69404
7/16"		14	ABR-716	11.1	11.6		17.1	57	3	30	69400	300	694043
1/2"	20	16	ABR-11	15.9	16.4	21.8	23.4	76	4	30	69411	300	69414
3/4"	25	21	ABR-12	20.6	21.2	26.5	28.1	102	6	30	69422	150	69424
1"	32	27	ABR-13	25.4	26.4	33.0	35.1	127	8	15	69432	120	69434
1 1/4"	40	35	ABR-14	31.8	33.0	39.4	41.4	157	10	15	69442	120	69444
1 1/2"	50	41	ABR-15	38.1	40.0	47.0	49.5	191	12	8	69452	90	69454
2"	63	53	ABR-16	50.8	52.8	59.7	62.3	254	16	8	69462	45	69464
2 1/2"	70	63	ABR-17	63.5	68.6	72.6	77.7	318	26	8	69472		
3"	80	78	ABR-18	76.2	81.3	85.3	90.4	381	32	8	69482		
3 1/2"	90	91	ABR-350	88.9		98.0	103.1	445	26	8	69487		
4"	100	103	ABR-19	101.6		110.7	115.8	508	32	8	69492		

related products



Type BR

"Blue Ribbon" (BR) This UL listed non-jacketed flexible steel conduit has many universal wiring applications. It is often referred to as "Greenfield" or "Reduced Wall Flex".

see product detail »



Type ABRH

This CSA-certified, non-jacketed flexible aluminum conduit has many universal wiring applications. It is often referred to as "Heavy Wall Flex"

see product detail »



Type ALT

This version of non-UL Liquidtight Flexible Conduit is similar to our standard Type LT but weighs considerably less due to the use of an aluminum inner core instead of steel.

see product detail »



TYPE USL

This extra-flexible steel conduit is recognized by UL and CSA for use within listed and certified assemblies.

see product detail »