

# 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".

## 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, Data Centers, DataComm, Fixture / AC Whips, Renewable Energy, Security, Telecommunications, Wastewater Treatment



All Products Proudly Made in the USA

## 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**



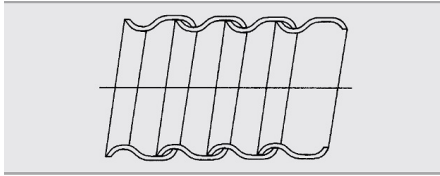
BS EN IEC 61386 Classification Code 445740300213 **CE**

**Declaration**

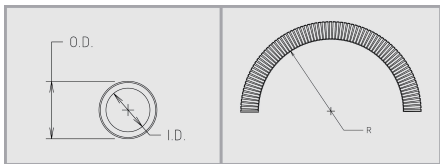
**ARRA:** For ARRA Certification Letter, please [click here](#)



BABA Compliant Available Upon Request



## Types BR and ABR Strip Profile



## Product Table

US Trade Size	ISO (MM)	CSA (MM)	Type	Internal Diameter		Outer Diameter		Inside Bend Radius	Weight				
				Min (IN.)	Max (IN.)	Min (IN.)	Max (IN.)	Static (IN.)	Lbs. per 100 Ft	Coil (Ft.)	Part #	Reel (Ft.)	Part #
3/8"	16	12	ABR-10	0.375	0.393	0.560	0.610	2.0	7.0	100	69401	1000	69404
7/16"		14	ABR-716	0.437	0.457		0.675	2.25	7.7	100	69400	1000	694043
1/2"	20	16	ABR-11	0.625	0.645	0.860	0.920	3.0	9.5	100	69411	1000	69414
3/4"	25	21	ABR-12	0.812	0.835	1.045	1.105	4.0	13.5	100	69422	500	69424
1"	32	27	ABR-13	1.000	1.040	1.300	1.380	5.0	18.0	50	69432	400	69434
1 1/4"	40	35	ABR-14	1.250	1.300	1.550	1.630	6.2	22.0	50	69442	400	69444
1 1/2"	50	41	ABR-15	1.500	1.575	1.850	1.950	7.5	26.0	25	69452	300	69454
2"	63	53	ABR-16	2.000	2.080	2.350	2.454	10.0	35.0	25	69462	150	69464
2 1/2"	70	63	ABR-17	2.500	2.700	2.860	3.060	12.5	57.0	25	69472	275	69475
3"	80	78	ABR-18	3.000	3.200	3.360	3.560	15.0	70.0	25	69482	175	69385
3 1/2"	90	91	ABR-350	3.500		3.860	4.060	17.5	58.0	25	69487	100	69490
4"	100	103	ABR-19	4.000		4.360	4.560	20.0	70.0	25	69492	100	69495

### 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”.



### 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, oil-resistant, 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 »](#)

[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 »](#)