

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 Steel 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).

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.



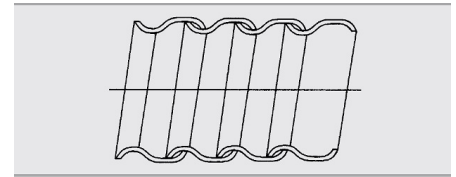
Certified File #LL18858 (3/8 & 7/16 inch size only) Conforms to CSA 22.2 No. 56 for use per the Canadian electrical code C22.1 Section 12-1000.

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



WEEE and RoHS Compliant

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



Types BR and ABR Strip Profile

Product Table

	US Trade Size	3/8"	7/16"	1/2"	3/4"	1"	1 1/4"	1 1/2"	2"	2 1/2"	3"	3 1/2"	4"
	ISO (MM)	16		20	25	32	40	50	63	70	80	90	100
	CSA (MM)	12	14	16	21	27	35	41	53	63	78	91	103
	Type	ABR-10	ABR-716	ABR-11	ABR-12	ABR-13	ABR-14	ABR-15	ABR-16	ABR-17	ABR-18	ABR-350	ABR-19
Internal Diameter	Min (IN.)	0.375	0.437	0.625	0.812	1.000	1.250	1.500	2.000	2.500	3.000	3.500	4.000
	Max (IN.)	0.393	0.457	0.645	0.835	1.040	1.300	1.575	2.080	2.700	3.200		
Outer Diameter	Min (IN.)	0.560		0.860	1.045	1.300	1.550	1.850	2.350	2.860	3.360	3.860	4.360
	Max (IN.)	0.610	0.675	0.920	1.105	1.380	1.630	1.950	2.454	3.060	3.560	4.060	4.560
Inside Bend Radius	Static (IN.)	2.0	2.25	3.0	4.0	5.0	6.2	7.5	10.0	12.5	15.0	17.5	20.0
Weight	Lbs. per 100 Ft	7.0	7.7	9.5	13.5	18.0	22.0	26.0	35.0	57.0	70.0	58.0	70.0
Standard Length	Coil (Ft.)	25	25	25	25								
	Part #	69408		69418	69428								
	Coil (Ft.)	50	50	50	50	50	50	25	25	25	25	25	25
	Part #	69409		69419	69429	69432	69442	69452	69462	69472	69482	69487	69492
	Coil (Ft.)	100	100	100	100								
	Part #	69401	69400	69411	69422								
	Reel (Ft.)	1000	1000	1000	500	400	400	300	150				
	Part #	69404	694043	69414	69424	69434	69444	69454	69464				

related products



Type BR

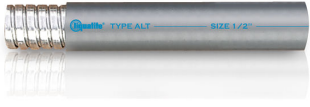
"Blue Ribbon" (BR) This UL listed non-jacketed flexible steel conduit has many universal wiring applications. It is often referred to as "Greenfield" or "Reduced Wall Flex".



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 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 »](#)