

TYPE ABR



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

Trade Size	Type	Diameter		Inside Radius	Wt. (Lbs.)/ 100 Ft.	Coil Footage						Reel Footage	
		Inner Min/Max	Outer Min/Max			Length	Part #	Length	Part #	Length	Part #	Length	Part #
3/8"	ABR-10	0.375 / 0.393	0.560 / 0.610	2.0"	7	25	69408	50	69409	100	69401	1000	69404
7/16"	ABR-716	0.437 / 0.457	- / 0.675	2.25"	7.7	25	-	50	-	100	69400	1000	694043
1/2"	ABR-11	0.625 / 0.645	0.860 / 0.920	3.0"	9.5	25	69418	50	69419	100	69411	1000	69414
3/4"	ABR-12	0.812 / 0.835	1.045 / 1.105	4.0"	13.5	25	69428	50	69429	100	69422	500	69424
1"	ABR-13	1.000 / 1.040	1.300 / 1.380	5.0"	18	-	-	50	69432	-	-	400	69434
1-1/4"	ABR-14	1.250 / 1.300	1.550 / 1.630	6.2"	22	-	-	50	69442	-	-	400	69444
1-1/2"	ABR-15	1.500 / 1.575	1.850 / 1.950	7.5"	26	-	-	25	69452	-	-	300	69454
2"	ABR-16	2.000 / 2.080	2.350 / 2.454	10.0"	35	-	-	25	69462	-	-	150	69464
2-1/2"	ABR-17	2.500 / 2.700	2.860 / 3.060	12.5"	57	-	-	25	69472	-	-	-	-
3"	ABR-18	3.000 / 3.200	3.360 / 3.560	15.0"	70	-	-	25	69482	-	-	-	-
3-1/2"	ABR-350	3.500 / -	3.860 / 4.060	17.5"	58	-	-	25	69487	-	-	-	-
4"	ABR-19	4.000 / -	4.360 / 4.560	20.0"	70	-	-	25	69492	-	-	-	-

CONSTRUCTION:

Type ABR is formed using a high strength aluminum alloy strip. The result is a conduit with similar characteristics to those of Type BR steel but at about 1/3 the weight.

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

APPLICATION:

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

- Suitable as an equipment grounding conductor (Section 250.118(5)).
- Wiring in elevators, hoist ways and escalators (Section 620.21(A)).

- Use of 3/8 inch trade size (Section 348.20).
- Leads of motors (Section 430.145(b)).
- Listed assemblies, tap conductors (Section 410.67c).
- Manufactured wiring systems (Section 604.6(a)).
- Listed wired fixtures (Section 410.77c).
- 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).

UL Listed File #E53253 (sizes 3/8 & 1/2 through 3 inch). Conforms to Underwriters Laboratories Standard ANSI/UL-1 for Flexible Metal Conduit.

RoHS and WEEE Compliant.

SP 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.

METAL USED: Aluminum

Types BR and ABR Strip Profile

