

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."

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.

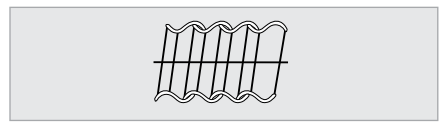
- Suitable as an equipment grounding conductor (Section 250.118(5)).
- Wiring in elevators, hoist ways and escalators (Section 620.21).
- Use of 3/8 inch trade size (Section 348.20).
- Leads of motors (Section 430.223).
- Raceway connection to motors (Section 430.223).
- Cranes and hoists (Section 610.11).
- 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).
- Listed File #E53253 (sizes 3/8 and 1/2 through 3 inch). Conforms to Underwriters Laboratories Standard ANSI/UL-1 for Flexible Metal Conduit.
- Certified File #LL18858 (3/8 and 7/16 inch size only) Conforms to CSA 22.2 No. 56 for use per the Canadian electrical code C22.1 Section 12-1000.



Types BR and ABR Strip Profile



RoHS and WEEE Compliant.

METAL USED: Aluminum

Trade Size (In.)	Type	Diameter (In.)		Inside Bend Radius (In.)	Wt. (Lbs./100 Ft.)	Coil Footage (Ft.)						Reel Footage (Ft.)	
		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	-	-	-	-