



Flexible Metal Conduit

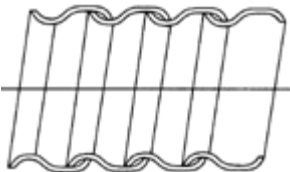
TYPE - ABR



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Trade Size	Type	Inside Radius	Inner Diameter Min / Max	Outer Diameter Min / Max	Wt. (Lbs.)/ 100 Ft.	Coil Length	Part #	Coil Length	Part #	Coil Length	Part #	Reel Length	Part #	List Price Price Per 100 FT
3/8"	ABR-10	2.0"	0.375 / 0.393	0.560 / 0.610	7	25	69408	50	69409	100	69401	1000	69404	\$60.00
7/16"	ABR-716	2.25"	0.437 / 0.457	- / 0.675	7.7	25	-	50	-	100	69400	1000	694043	-
1/2"	ABR-11	3.0"	0.625 / 0.645	0.860 / 0.920	9.5	25	69418	50	69419	100	69411	1000	69414	\$75.00
3/4"	ABR-12	4.0"	0.812 / 0.835	1.045 / 1.105	13.5	25	69428	50	69429	100	69422	500	69424	\$97.00
1"	ABR-13	5.0"	1.000 / 1.040	1.300 / 1.380	18	-	-	50	69432	-	-	400	69434	\$176.00
1-1/4"	ABR-14	6.2"	1.250 / 1.300	1.550 / 1.630	22	-	-	50	69442	-	-	400	69444	\$245.00
1-1/2"	ABR-15	7.5"	1.500 / 1.575	1.850 / 1.950	26	-	-	25	69452	-	-	300	69454	\$358.00
2"	ABR-16	10.0"	2.000 / 2.080	2.350 / 2.454	35	-	-	25	69462	-	-	150	69464	\$464.00
2-1/2"	ABR-17	12.5"	2.500 / 2.700	2.860 / 3.060	57	-	-	25	69472	-	-	-	-	\$592.00
3"	ABR-18	15.0"	3.000 / 3.200	3.360 / 3.560	70	-	-	25	69482	-	-	-	-	\$964.00
3-1/2"	ABR-350	17.5"	3.500 / -	3.860 / 4.060	58	-	-	25	69487	-	-	-	-	\$1,113.00
4"	ABR-19	20.0"	4.000 / -	4.360 / 4.560	70	-	-	25	69492	-	-	-	-	\$1,240.00

Types BR and ABR Strip Profile



See [Chart for Dimensions and Tolerances](#).

TYPE - ABR

ALUMINUM "BLUE RIBBON" (ABR)

This non-jacketed flexible aluminum 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. (Formely WW-C-566c Type I)


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.

- 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).

 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.



[WEEE and RoHS Compliant](#)

ARRA:

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

Flexibility: [See the Flexibility Comparison Guide](#)

Metal Used: Aluminum

High Mech. Strength	Listed For Direct Burial	Halogen Free	Low Fire Hazard	Accepts Standard Liquidtight Fittings	Self Extinguish	EMI/RFI Shielding	Oil Resistance	Acid Resistance

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