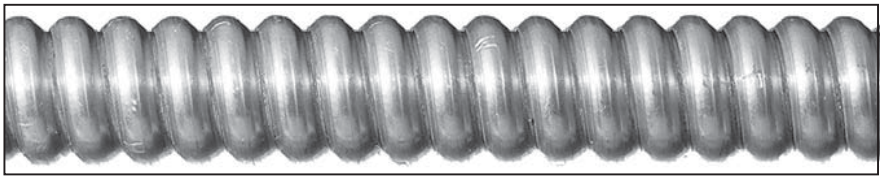
Type ABR



Trade Size (in.)	Cat. No.	Coil Length (m)	Cat. No.	Coil Length (m)	Cat. No.	Coil Length (m)	Cat. No.	Reel Content* (m)	Wt. kg/30m
-	-	-	-	-	**ABR716-30**	30	**ABR716-300**	300	-
3/8	**ABR038-8†**	8	**ABR038-15†**	15	**ABR038-30†**	30	**ABR038-300†**	300	7.0
1/2	**ABR050-8**	8	**ABR050-15**	15	**ABR050-30**	30	**ABR050-300**	300	9.5
3/4	**ABR075-8**	8	**ABR075-15**	15	**ABR075-30**	30	**ABR075-150**	150	13.5
1	-	-	**ABR100-15**	15	-	-	**ABR100-120**	120	24.0
1-1/4	-	-	**ABR125-15**	15	-	-	**ABR125-120**	120	31.0
1-1/2	-	-	**ABR150-8**	8	-	-	**ABR150-90**	90	47.0
2	-	-	**ABR200-8**	8	-	-	**ABR200-45**	45	67.0
2-1/2	-	-	**ABR250-8**	8	-	-		-	92.0
3	-	-	**ABR300-8**	8	-	-		-	107.0
3-1/2	-	-	**ABR350-8**	8	-	-		-	122.0
4	-	-	**ABR400-8**	8	-	-		-	142.0

See Chart on p.155 for dimensions and tolerances.
** See p.155 for label and packaging detail.*
Note: Dimensions and Bend Radii are identical to Type BR, p. 140.
† CSA Certified.

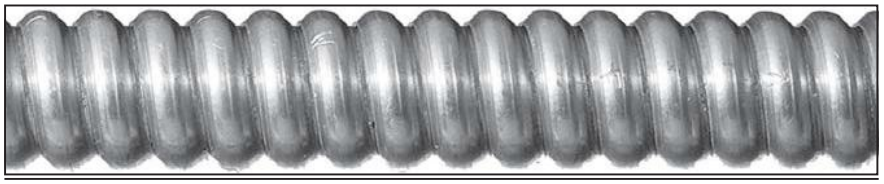
Type ABR
This non-jacketed flexible aluminum conduit has many universal wiring applications. It is often referred to as "Greenfield" or "Reduced Wall Flex".

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.

Applications
General Use:
In accordance with CEC Rule 12-1002 (1) the flexible metal conduit is permitted in or on buildings of either combustible or non-combustible constructions.
Restriction and Exception:
CEC Rule 12-1004 (a) states:"12 (3/8) trade size flexible metal conduit shall be permitted to be used for runs of not more than 1.5 m (5 ft) for the connection of equipment." and CEC Rule 12-1004 (b) states:"12 (3/8) trade size liquidtight flexible conduit may be used as permitted by this code."
Securements with straps:
CEC Rule 12-1010 (3) states: "When flexible metal conduit is installed, it shall be secured at intervals not exceeding 1.5 m (5 ft) and within 300 mm (12 in.) on each side of every outlet box or fitting except where flexible metal conduit is fished and except for lengths of not over 900 mm (3 ft) at terminals where flexibility is necessary."
Conductor fill:
CEC Rule 12-1014 defines the maximum number of conductor, the CEC Tables 6 provides the maximum number of conductors of one size in trade sizes of conduit, CEC Table 8 provides the maximum allowable per cent conduit fill, and CEC Table 9 provides the cross-sectional areas of conduit.
Applications: refer to Type BR, p. 142.

Listing / Certification
Listed. (sizes 3/8 through 3 in.). Conforms to UL Standard ANSI/UL-1 for Flexible Metal Conduit.
Certified. (**3/8 inch size only**). Conforms to CSA 22.2 No. 56 for use per CEC C22.1 Section 12-1300.
Meets Federal Specification WW-C-566c Type II

Type ABRH



Trade Size	CSA Metric Desig.	T&B Type	Internal Diameter (in.) Min.	Internal Diameter (in.) Max.	Outer Diameter (in.) Min.	Outer Diameter (in.) Max.	Inside Bend Radius	WT. Lbs. per 100 Ft.	Coil Lenght Mtr.
3/8	12	**ABRH038**	0.375	0.393	0.560	0.610	2	7	30, 150, 300
7/16	14	**ABRH716**	0.437	0.457	-	0.675	2.25	8	30, 150, 300
1/2	16	**ABRH050**	0.625	0.645	0.860	0.920	3	16	30, 150, 300
3/4	21	**ABRH075**	0.812	0.835	1.045	1.105	4	18	30, 150, 300
1	27	**ABRH100**	1.000	1.040	1.300	1.380	5	35	15, 120
1-1/4	35	**ABRH125**	1.250	1.300	1.550	1.630	6.2	43	15, 120
1-1/2	41	**ABRH150**	1.500	1.575	1.850	1.950	7.5	55	8, 15, 30
2	53	**ABRH200**	2.000	2.080	2.350	2.454	10	73	8, 15
2-1/2	63	**ABRH250**	2.500	2.700	2.860	3.060	12.5	90	8, 15
3	78	**ABRH300**	3.000	3.200	3.360	3.560	15	107	8, 15
4	103	**ABRH400**	4.000	-	4.360	4.560	20	142	8, 15

TYPE - ABRH
This non-jacketed flexible aluminum conduit has many universal wiring applications.

Construction
Type ABRH is formed from a heavy gauge aluminum strip. Its profile and helical shape allow it to withstand substantial impact and crushing forces.

Applications
This conduit is intended as a metal raceway for wires and cable where CSA Certification is required. Suitable for use with connectors intended for "FMC (Flexible Metal Conduit).

Certified
File # LL 18858 Conforms to CSA 22.2 No. 56 for use per the Canadian Electrical Code C22.1 Section 12-1300.