

UNJACKETED METALLIC

This series of flexible metal conduits are free of nonmetallic materials and offer the highest physical protection to electrical wiring. Available in a wide range of sizes and types. For more information on our Unjacketed Metallic Conduits, see below for an overview or continue through this section.

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Distinctive Characteristics May Include:

- UL recognized, UL listed, CSA certified
- CE
- WEEE and RoHS Compliant
- High impact and crush strength
- Tight bends
- Wide range of sizes
- Non-combustible

Applications:

- Commercial and Residential Construction
- Manufactured Wiring Systems
- High Temperature
- Plenum Ceilings
- Lighting Fixtures and Appliances
- Security



Stainless Steel Interlock Conduit

Features:

- Corrosion-Resistant
- Available in 304L or 316L Stainless Alloys
- Consult factory for sizes
- Made in USA

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".

Construction:

- Hot Dipped Galvanized Steel
- Helically wound, formed strip
- Reduced Wall Steel Gauge

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).

Markets:

- Construction
- Fixture/AC Whips
- Security
- Utilities
- Wastewater Treatment



Proudly made in the U.S.A.

Product Information

Certifications & Compliance

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

 Certified File #LL18858 (3/8 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 IV (Formerly WW-C-566c Type II).

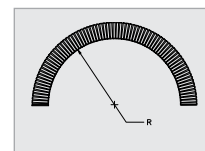
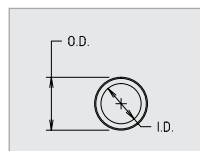
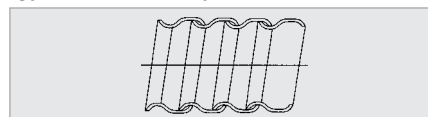


WEEE and RoHS Compliant

 BS EN IEC 61386 Classification Code 455740300314

ARRA Certification

Types BR and ABR Strip Profile



US Trade Size	ISO (MM)	CSA (MM)	Type	INTERNAL DIAMETER		OUTER DIAMETER		INSIDE BEND RADIUS	WEIGHT	STANDARD LENGTH									
				Min (IN.)	Max (IN.)	Min (IN.)	Max (IN.)			Coil (Ft.)	Part #	Coil (Ft.)	Part #	Coil (Ft.)	Part #	Coil (Ft.)	Part #	Reel (Ft.)	Part #
3/8"	16	12	BR-10	0.375	0.393	0.560	0.610	2.0	18	25	69308	50	69309	100	69301	250	69302	1000	69304
1/2"	20	16	BR-11	0.625	0.645	0.860	0.920	3.0	28	25	69318	50	69319	100	69311			1000	69312
3/4"	25	21	BR-12	0.812	0.835	1.045	1.105	4.0	33	25	39628	50	69329	100	69322			500	69324
1"	32	27	BR-13	1.000	1.040	1.300	1.380	5.0	52	25	69338	50	69332					400	69334
1 1/4"	40	35	BR-14	1.250	1.300	1.550	1.630	6.2	65			50	69342					400	69344
1 1/2"	50	41	BR-15	1.500	1.575	1.850	1.950	7.5	80	25	69352							300	69354
2"	63	53	BR-16	2.000	2.080	2.350	2.454	10.0	99	25	69362							150	69364
2 1/2"	70	63	BR-17	2.500	2.700	2.860	3.060	12.5	166	25	69372								
3"	80	78	BR-18	3.000	3.200	3.360	3.560	15.0	190	25	69382								
3 1/2"	90	91	BR-350	3.500		3.860	4.060	17.5	170	25	69387								
4"	100	103	BR-19	4.000		4.360	4.560	20.0	200	25	69392								

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".

Construction:

- High Strength Aluminum Alloy
- Helically wound, formed strip
- Reduced Wall Aluminum 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).

Markets:

- Construction
- Fixture/AC Whips
- Security
- Wastewater Treatment



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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)



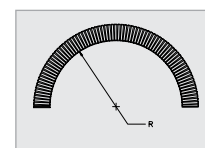
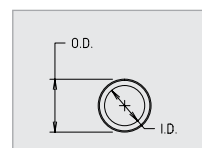
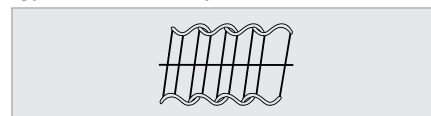
WEEE and RoHS Compliant



BS EN IEC 61386 Classification Code 445740300213

ARRA Certification

Types BR and ABR Strip Profile



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

TYPE ABRH



This CSA-certified, non-jacketed flexible aluminum conduit has many universal wiring applications. It is often referred to as "Heavy Wall Flex".

Construction:

- High Strength Aluminum Alloy
- Helically wound, formed strip
- Heavy Gauge

Application:

In addition to meeting the UL and NEC requirements noted for Type ABR, Reduced Wall Aluminum Conduit, ABRH is also:

- Intended as a metal raceway for wires and cable in accordance with Canadian Electrical Code (CEC) C22.1 Section 12-1000.
- Suitable for use with listed connectors intended for FMC (Flexible Metal Conduit)

Markets:

- Construction
- Security
- Utilities
- Wastewater Treatment



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Product Information

Certifications & Compliance

UL Listed File #E53253 (sizes 1/2 through 4 inch). Conforms to Underwriters Laboratories Standard ANSI/UL-1 for Flexible Metal Conduit.

CSA File # LL 18858 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 I.



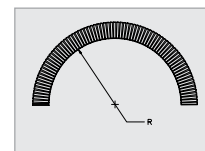
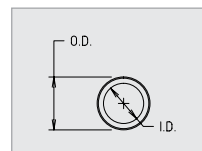
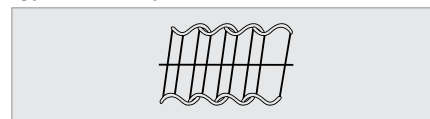
WEEE and RoHS Compliant



BS EN IEC 61386 Classification Code 455740300213

ARRA Certification

Types ABRH Strip Profile



US Trade Size	ISO (MM)	CSA (MM)	Type	INTERNAL DIAMETER		OUTER DIAMETER		INSIDE BEND RADIUS	WEIGHT	STANDARD LENGTH					
				Min (IN.)	Max (IN.)	Min (IN.)	Max (IN.)			Coil (Ft.)	Part #	Reel (Ft.)	Part #	Reel (Ft.)	Part #
3/8"	16	12	ABRH-10	0.375	0.393	0.560	0.610	2.0	7	100	69701	500	69703	1000	69704
7/16"			ABRH-716	0.437	0.457		0.675	2.25	8	100	69707	500	69708	1000	69709
1/2"	20	16	ABRH-11	0.625	0.645	0.860	0.920	3.0	16	100	69711	500	69713	1000	69714
3/4"	25	21	ABRH-12	0.812	0.835	1.045	1.105	4.0	18	100	69722	500	69723	1000	69724
1"	32	27	ABRH-13	1.000	1.040	1.300	1.380	5.0	35	50	69732			400	69734
1 1/4"	40	35	ABRH-14	1.250	1.300	1.550	1.630	6.2	43	50	69742			400	69744
1 1/2"	50	41	ABRH-15	1.500	1.575	1.850	1.950	7.5	55	25	69752			100	69753
2"	63	53	ABRH-16	2.000	2.080	2.350	2.454	10.0	73	25	69762				
2 1/2"	70	63	ABRH-17	2.500	2.700	2.860	3.060	12.5	90	25	69772				
3"	80	78	ABRH-18	3.000	3.200	3.360	3.560	15.0	107	25	69782				
4"	100	103	ABRH-19	4.000		4.360	4.560	20.0	142	25	69792				

TYPE USL



This extra-flexible steel conduit is recognized by UL and CSA for use within listed and certified assemblies.

Construction:

- Hot Dipped Galvanized Steel
- Helically wound, formed strip

Application:

- Intended as a factory installed component
- Modular Office Partitions
- Showcase Lighting
- Range Hoods
- Mates with a variety of setscrew and clamp type connectors

Markets:

- Security



Proudly made in the U.S.A.

Product Information

Certifications & Compliance

UL Recognized File #E53253

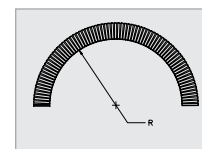
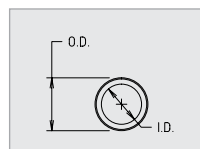
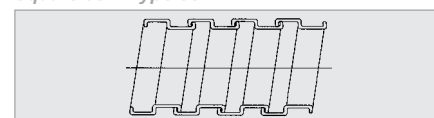
CSA Report # LO 4000-4875



WEEE and RoHS Compliant

ARRA Certification

Squarelock - Type USL



				INTERNAL DIAMETER		OUTER DIAMETER		INSIDE BEND RADIUS	WEIGHT	STANDARD LENGTH	
US Trade Size	ISO (MM)	CSA (MM)	Type	Min (IN.)	Max (IN.)	Min (IN.)	Max (IN.)	Static (IN.)	Lbs. per 100 Ft.	Coil (Ft.)	Part # (Gray)
			USL-516	0.297	0.327	0.457	0.487	1 1/4	12	250	91402
			USL-380	0.360	0.390	0.520	0.550	1 1/4	15	250	92402
			USL-716	0.422	0.452	0.572	0.612	1 1/2	17	250	93402
3/8"	16	12	USL-120	0.485	0.515	0.645	0.675	1 1/2	19	250	94402
			USL-916	0.557	0.577	0.707	0.737	1 1/2	20	250	95402
1/2"	20	16	USL-580	0.622	0.642	0.732	0.765	2	24	100	96402
3/4"	25	21	USL-340	0.820	0.840	0.930	0.960	2	32	100	97402