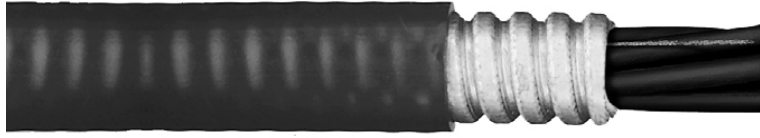


# MC INTERLOCKED ARMORED



- ▶ **4 Conductors**
- ▶ **FR-XLP**
- ▶ **AIA/PVC**
- ▶ **Type MC**
- ▶ **600V**

## PRODUCT CONSTRUCTION

**Conductor:** 14 AWG through 750 kcmil bare copper. Class B stranding per ASTM B8.

**Insulation:** Cross-linked Polyethylene (XLP). Color-coded per ICEA Method 3, Table E-2.

**Ground:** Annealed bare copper Class B stranding per ASTM B8.

**Armor:** Aluminum Interlocked Armor (AIA)

**Jacket:** Flame-retardant, moisture- and sunlight-resistant Polyvinyl Chloride (PVC), black.

## APPLICATIONS

For installation in exposed or concealed work in wet or dry locations, indoors or outdoors and cable trays. Permitted for use in Class I; Class II, Division 2; and Class III, Division 1 and 2 hazardous locations per the NEC. Ideal for use in commercial, industrial and utility applications that require ease of installation, maximum performance and fire resistance.

## FEATURES

Rated at 90°C wet or dry. Provides excellent oil and chemical resistance. Excellent crush resistance. Provides a long service life. Cost-effective alternative to installations in conduit. Meets cold bend test at -25°C.

## COMPLIANCES

**Industry:** UL 1569. UL 44. ICEA S-95-658/NEMA WC70. UL Type MC-600 volts, NEC Type XHHW-2 conductors.

**Flame Test:** IEEE 383 (70,000 BTU/hr). UL 1581 (70,000 BTU/hr). IEEE 1202 (70,000 BTU/hr) CSA FT4. ICEA T-29-520 (210,000 BTU/hr).

**Other:** EPA 40 CFR, Part 261, for leachable lead content per TCLP. OSHA acceptable.

USAWC Part #	Size (AWG or kcmil)	No. of Strands	Insul. Thick. (Mils)	Nom. Diam. Over Armor (Inches)	PVC Jkt. Thick. (Mils)	Nom. Diam. Over PVC Jkt. (Inches)	Copper Grounding Conductor (AWG)	Weight (lbs./1000 ft.)			Ampacity <sup>1</sup>	
								Alum. Armor	Steel Armor	Copper	90°C	75°C
USA14-04AIAWGPVC	14	7	30	.51	50	.62	16	230	350	60	20	16
USA12-04AIAWGPVC	12	7	30	.56	50	.67	14	290	420	97	24	20
USA10-04AIAWGPVC	10	7	30	.62	50	.73	12	370	530	148	32	28
USA8-04AIAWGPVC	8	7	45	.76	50	.86	10	505	675	241	44	40
USA6-04AIAWGPVC	6	7	45	.85	50	.95	8	685	870	383	60	52
USA4-04AIAWGPVC	4	7	45	.97	50	1.07	6	925	1150	577	76	68
USA2-04AIAWGPVC	2	7	45	1.10	50	1.22	6	1290	1560	919	104	92
USA1-04AIAWGPVC	1	19	55	1.25	50	1.36	6	1605	1910	1136	120	104
USA1/0-04AIAWGPVC	1/0	19	55	1.35	50	1.46	6	1935	2265	1512	136	120
USA2/0-04AIAWGPVC	2/0	19	55	1.46	50	1.56	6	2355	2720	1760	156	140
USA3/0-04AIAWGPVC	3/0	19	55	1.58	60	1.71	4	2935	3330	2245	180	160
USA4/0-04AIAWGPVC	4/0	19	55	1.75	60	1.88	4	3640	3965	2796	208	184
USA250-04AIAWGPVC	250	37	65	1.92	60	2.04	4	4210	4635	3282	232	204
USA350-04AIAWGPVC	350	37	65	2.16	60	2.30	3	5710	6120	4576	280	248
USA500-04AIAWGPVC	500	37	65	2.47	75	2.63	2	7910	8390	6509	344	304
USA750-04AIAWGPVC	750	61	80	3.03	85	3.22	1	11480	12170	9713	428	380

<sup>1</sup>AMPACITY in accordance with the NEC for cables installed in uncovered cable tray without maintained spacing at the conductor temperature indicated in wet or dry locations, 30°C ambient temperature.