

# INTERLOCKED ARMOR

## 600 VOLT MULTI-CONDUCTOR, CROSSLINKED POLYETHYLENE (XHHW-2) INSULATED INTERLOCKED ARMOR, PVC JACKETED UL TYPE MC WITH GROUNDING CONDUCTOR

### Construction

#### Construction:

- Conductors are Class B stranded copper type XHHW-2 color coded per Method 4 (all black with number codes). Fillers are non-hygroscopic and non-wicking. Core binder is single faced rubber tape. Armor is positively interlocked aluminum (Galvanized steel is available on request). Jacket is flame retardant, sunlight, oil and water resistant black polyvinyl chloride.

#### Grounding Conductors:

- Grounding conductors shall comply with UL requirements. In 600 volt cables to ICEA Standard where grounding conductors are required they shall meet ICEA-NEMA requirements. Grounding conductors shall be uninsulated.

#### Features:

- Power and lighting circuits in manufacturing and processing plants.
- Secondary feeders in industrial and commercial distribution systems.
- Power supply to station auxiliaries in electrical power stations and substations. May be used in wet or dry locations.
- Installation in racks, trays or aerially. UL type may also be directly buried.

#### Standards:

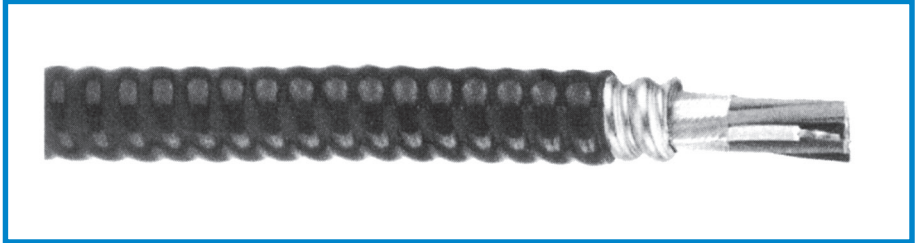
- UL Listed Type MC Cable/UL 1569.
- Temperature Rating +90°C Wet and Dry Locations.
- ICEA S-66-524/NEMA WC-7 and ICEA S-19-81/NEMA WC3. IEEE 1202/FT-4 Flame Test. IEEE 383 Flame Test, 210 BTU Rating. CT Use - UL 1569.

#### Compliances:

- Copper conductors per ASTM B-3 and B-8, ICEA-NEMA, UL 4, 44, and 1569. Insulation per ICEA S-66-524, NEMA WC-7 UL 44 and 1569. Armor per ICEA S-66-524, NEMA WC-7, UL 4. Jacket per ICEA S-66-524, NEMA WC-7.

#### Tests:

- The finished cable shall be tested in accordance with and meet the requirements of the applicable sections of ICEA-NEMA standard, UL 4, 44, and 1072.



CUSTOM CATALOG NUMBER	SIZE	NO. OF COND'S	STRAND	NOMINAL THICKNESS (INCHES)		NOMINAL O.D.	NOMINAL WEIGHT
	AWG/MCM			INSULATION	JACKET	INCHES	LBS/MFT
14000	14	2	7	0.030	0.050	0.680	173
14001	14	3	7	0.030	0.050	0.680	191
14002	14	4	7	0.030	0.050	0.680	214
14003	14	5	7	0.030	0.050	0.690	239
14004	14	7	7	0.030	0.050	0.770	302
14005	14	9	7	0.030	0.050	0.850	360
14006	14	10	7	0.030	0.050	0.840	405
14007	14	12	7	0.030	0.050	0.910	431
14008	14	15	7	0.030	0.050	0.940	515
14009	14	19	7	0.030	0.050	1.010	590
14010	14	25	7	0.030	0.050	1.140	750
14011	14	37	7	0.030	0.050	1.330	1110
14050	12	2	7	0.030	0.050	0.680	206
14051	12	3	7	0.030	0.050	0.680	230
14052	12	4	7	0.030	0.050	0.710	267
14053	12	5	7	0.030	0.050	0.750	305
14054	12	7	7	0.030	0.050	0.850	392
14055	12	9	7	0.030	0.050	0.930	467
14056	12	10	7	0.030	0.050	0.950	515
14057	12	12	7	0.030	0.050	0.990	565
14058	12	15	7	0.030	0.050	1.030	680
14059	12	19	7	0.030	0.050	1.100	790
14060	12	25	7	0.030	0.050	1.260	1035
14061	12	37	7	0.030	0.050	1.470	1395
14100	10	2	7	0.030	0.050	0.680	247
14101	10	3	7	0.030	0.050	0.710	293
14102	10	4	7	0.030	0.050	0.770	349
14103	10	5	7	0.030	0.050	0.810	400
14104	10	7	7	0.030	0.050	0.930	520
14105	10	9	7	0.030	0.050	1.030	628
14107	10	12	7	0.030	0.050	1.090	765
14108	10	15	7	0.030	0.050	1.150	930
14109	10	19	7	0.030	0.050	1.230	1095
14110	10	25	7	0.030	0.050	1.410	1385
14111	10	37	7	0.030	0.050	1.670	1972

NOTE: Also available in teck cable constructions. Check factory for details and specifications.



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