**INTERLOCKED ARMOR**

**POWER CABLE**

600 Volt UL Type MC, CT USE, 90°C
XLP XHHW-2 Insulation

**Aluminum Armor**

**Copper Conductors**

<table>
<thead>
<tr>
<th><strong>Catalog Number</strong></th>
<th><strong>Size AWG</strong></th>
<th><strong>Number of Conductors</strong></th>
<th><strong>Number of Strands</strong></th>
<th><strong>Insulation Thickness Milis</strong></th>
<th><strong>Ground Wire Size AWG</strong></th>
<th><strong>Armor Diameter Inch</strong></th>
<th><strong>Jacket Thickness Milis</strong></th>
<th><strong>Overall Diameter Inches</strong></th>
<th><strong>Net Weight Lbs/Mft</strong></th>
<th><strong>Class I Div. 2 Connector Number</strong></th>
<th><strong>Rain Tight Connector Number</strong></th>
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**APPLICATION:**

For use in harsh environments where maximum conductor protection is required. Used for power, control and lighting circuits in a broad range of commercial and industrial pulp and paper, mining, and petroleum applications. Approved for use in wet or dry locations at 90°C, for installation indoors or outdoors, aerially, in conduits, ducts, cable trays or direct burial in circuits not exceeding 600 volts. May be used in NEC Class I and II, Division 2 and Class III, Division 1 and 2 hazardous locations. UL approved for use at 90°C for continuous operation, 130°C for emergency overload conditions, and 250°C for short circuit conditions. Aluminum interlocked armor cable is recommended as an economical alternative to wire in conduit systems.

**CONDUCTORS:**

Soft bare annealed copper per ASTM B-3, Class B stranding per ASTM B-8

**INSULATION:**

Cross-linked polyethylene (XLP) per UL Standard 44 for Type XHHW-2 conductors

**GROUNDING CONDUCTOR:**

Soft bare annealed copper per ASTM B-3, Class B stranding per ASTM B-8 sized in accordance with UL Standard 1569

**ARMOR:**

Aluminum interlocked tape armor per UL 1569 and applicable ICEA standards, also available in galvanized steel armor

**JACKET:**

Black sunlight-resistant PVC per UL Standard 1569

**FLAME TESTS:**

UL 1581 (70,000 BTU/hr) Flame Test

**COLOR CODE:**

ICEA Method 4

**CONNECTORS:**

- Explosion Proof, Class 1 Division 2: 424CU series
  - aluminum exterior components, nickel-plated brass interior components
- Rain Tight: 416MC series
  - all nickel-plated brass
### INTERLOCKED ARMOR

**POWER CABLE**

600 Volt UL Type MC, CT USE, 90°C  
XLP XHHW-2 Insulation  
Aluminum Armor  
Copper Conductors

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#### COLOR CODE:

ICEA Method 4

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#### SPECIFICATION

**HW301**

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JACKET:
Black sunlight-resistant PVC per UL Standard 1569

FLAME TESTS:
- UL 1581 (70,000 BTU/hr) Flame Test
- IEEE 1202 Flame Test
- ICEA (210,000 BTU/hr) Flame Test

COLOR CODE:
ICEA Method 4

CONNECTORS:
- Explosion Proof, Class 1 Division 2: 424CU series
  - aluminum exterior components, nickel-plated brass interior components
- Rain Tight: 416MC series – all nickel-plated brass
- For size 1000 kcmil, see 424MA series in Section J