15kV - EPR Insulation, PVC Jacket - 3-Conductor

EPR Insulation - PVC Jacket
MV-105 - 133% Insulation Level
15kV - 3 Conductor

Medium Voltage

*Product images are for illustrative purposes only and may differ from the actual product.
**Category Conductor Description:**
- Annealed bare copper Compact, Class B stranding

**Extruded Strand Shield:**
- Extruded thermoset semi-conducting stress-control layer over conductor

**Category Insulation Description:**
- Ethylene Propylene Rubber (EPR), colored to contrast with the black conducting shield layers

**Extruded Insulation Shield:**
- Thermoset semi-conducting polymeric layer free stripping from insulation

**Grounding Conductor:**
- 1-3 bare or covered grounding copper conductors may be supplied in the twisted assembly upon request

**Metallic Shield:**
- 5 mils annealed copper tape with an overlap of 25%

**Category Jacket Description:**
- Flame-retardant, moisture and sunlight resistant Polyvinyl Chloride (PVC)
Applications:

- Suitable for use in a broad range of commercial, industrial, and utility applications, where reliability is the major concern, space is limited, and ease of installation is critical
- Suitable for use in wet or dry locations when installed in accordance with the NEC
- For use in aerial, direct burial, conduit, open tray, and underground duct installations

Standards:

- National Electric Code (NEC)
- UL 1072
- UL listed as Type MV-105 for use in accordance with NEC
- UL 1685
- IEEE 1202
- OSHA Acceptable

PART NUMBER TABLE

<table>
<thead>
<tr>
<th>Part#</th>
<th>Gauge</th>
<th>Conductors</th>
<th>Stranding</th>
<th>Ground Gauge</th>
<th>Insulation Thickness</th>
<th>Jacket Thickness</th>
<th>Outside Diameter Inches</th>
<th>Material Weight (Lbs./M')</th>
</tr>
</thead>
<tbody>
<tr>
<td>MVE30203</td>
<td>2</td>
<td>3</td>
<td>7</td>
<td>6</td>
<td>0.22</td>
<td>0.11</td>
<td>2.04</td>
<td>2066.1</td>
</tr>
<tr>
<td>MVE31/003</td>
<td>1/0</td>
<td>3</td>
<td>19</td>
<td>4</td>
<td>0.22</td>
<td>0.11</td>
<td>2.2</td>
<td>2613.3</td>
</tr>
<tr>
<td>MVE32/003</td>
<td>2/0</td>
<td>3</td>
<td>19</td>
<td>4</td>
<td>0.22</td>
<td>0.11</td>
<td>2.3</td>
<td>2943.7</td>
</tr>
<tr>
<td>MVE34/003</td>
<td>4/0</td>
<td>3</td>
<td>19</td>
<td>3</td>
<td>0.22</td>
<td>0.11</td>
<td>2.52</td>
<td>3903.1</td>
</tr>
<tr>
<td>MVE325003</td>
<td>250</td>
<td>3</td>
<td>37</td>
<td>3</td>
<td>0.22</td>
<td>0.11</td>
<td>2.66</td>
<td>4775</td>
</tr>
<tr>
<td>MVE335003</td>
<td>350</td>
<td>3</td>
<td>37</td>
<td>2</td>
<td>0.22</td>
<td>0.14</td>
<td>2.94</td>
<td>5522</td>
</tr>
<tr>
<td>MVE350003</td>
<td>500</td>
<td>3</td>
<td>37</td>
<td>1</td>
<td>0.22</td>
<td>0.14</td>
<td>3.21</td>
<td>7257.2</td>
</tr>
<tr>
<td>MVE375003</td>
<td>750</td>
<td>3</td>
<td>61</td>
<td>1/0</td>
<td>0.22</td>
<td>0.14</td>
<td>3.61</td>
<td>10978</td>
</tr>
</tbody>
</table>

Note: The data shown are approximate and subject to standard industry and manufacturer tolerances.