

## 15kV EPR Insulation, PVC Jacket, Single Conductor, Compressed Stranding

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



\*Product images are for illustrative purposes only and may differ from the actual product.

### Category Conductor Description:

- Annealed bare copper Compressed, Class B stranding

### Category Insulation Description:

- Ethylene Propylene Rubber (EPR), colored to contrast with the black conducting shield layers

### Metallic Shield:

- 5 mils annealed copper tape with an overlap of 25%

### Applications:

- Suitable for use in wet or dry locations in accordance with the NEC
- For use in aerial, direct burial, conduit, open tray, and underground duct installations
- For use in direct burial if installed in a system with a ground conductor that is in close proximity, and conforms with NEC 250.4(A)(5)

### Extruded Strand Shield:

- Extruded thermoset semi-conducting stress control layer over conductor

### Extruded Insulation Shield:

- Thermoset semi-conducting polymeric layer free stripping from insulation

### Category Jacket Description:

- Low-friction, flame retardant, moisture and sunlight resistant Polyvinyl Chloride (PVC)

### Standards:

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

**Part Number Table**

<b>Part#</b>	<b>Gauge</b>	<b>Insulation Thickness</b>	<b>Jacket Thickness</b>	<b>Outside Diameter Inches</b>	<b>Material Weight (Lbs./M')</b>
MVE30201-COM	2	0.22	0.08	1.072	729
MVE31/001-COM	1/0	0.22	0.08	1.151	909
MVE32/001-COM	2/0	0.22	0.08	1.194	1026
MVE33/001-COM	3/0	0.22	0.08	1.245	1171
MVE34/001-COM	4/0	0.22	0.08	1.301	1348
MVE325001-COM	250	0.22	0.08	1.347	1502
MVE335001-COM	350	0.22	0.08	1.45	1888
MVE350001-COM	500	0.22	0.08	1.578	2497
MVE375001-COM	750	0.22	0.08	1.821	3437

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

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