

## 15kV - EPR Insulation, PVC Jacket - Single Conductor

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 Compact, 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
- UL 1685
- IEEE 1202
- OSHA Acceptable

**Part Number Table**

<b>Part#</b>	<b>Gauge</b>	<b>Stranding</b>	<b>Insulation Thickness</b>	<b>Jacket Thickness</b>	<b>Nominal OD over Insulation</b>	<b>Outside Diameter Inches</b>	<b>Material Weight (Lbs./M')</b>
MVE30201	2	7	0.22	0.08	.750	0.99	656
MVE30101	1	19	0.22	0.08	.790	1.03	733
MVE31/001	1/0	19	0.22	0.08	.830	1.06	820.8
MVE32/001	2/0	19	0.22	0.08	.870	1.1	930.3
MVE33/001	3/0	19	0.22	0.08	.920	1.14	1061.1
MVE34/001	4/0	19	0.22	0.08	.970	1.21	1237.2
MVE325001	250	37	0.22	0.08	1.02	1.25	1390.4
MVE335001	350	37	0.22	0.08	1.12	1.35	1760.8
MVE350001	500	37	0.22	0.08	1.25	1.47	2267.4
MVE375001	750	61	0.22	0.08	1.43	1.65	3189.8
MVE3100001	1000	61	0.22	0.11	1.59	1.86	4170.2

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

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