

## 2.4kV - Nonshielded - EPR/PVC

EPR Insulation - PVC Jacket  
2.4kV - MV-90 - Non-shielded



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

### Category Conductor Description:

- Compressed class B stranded tinned copper

### Conductor Shield:

- Nylon semi-conducting tape

### Category Insulation Description:

- 90°C rated Ethylene Propylene Rubber (EPR)

### Category Jacket Description:

- Extruded sunlight resistant Polyvinyl Chloride (PVC) jacket

### Applications:

- UL listed
- OSHA acceptable
- Suitable for use in wet or dry locations at maximum operating temperature of 90°C for normal operation; 130°C for emergency overload conditions; and 250°C for short circuit conditions
- May be installed in conduit, duct or aerially when properly supported by a messenger

### Standards:

- ICEA S-96-659/NEMA WC 71
- UL-1072
- ASTM B3 and B8
- RoHS Compliant

**Part Number Table**

<b>Part#</b>	<b>Houston Wire &amp; Cable</b>	<b>Gauge</b>	<b>Stranding</b>	<b>Insulation Min Avg Wall(Mils)</b>	<b>Nominal OD over Conductor</b>	<b>Outside Diameter Inches</b>	<b>Material Weight (Lbs./M')</b>
MVE10401		4	7	0.125	.228	0.65	335
MVE10601		6	7	0.125	.181	0.605	231
MVE10201	2-012.4KVNSEP	2	7	0.125	.287	0.75	422
MVE11/001	1/0-012.4KVNSEP	1/0	19	0.125	.367	0.829	574
MVE12/001	2/0-012.4KVNSEP	2/0	19	0.125	.412	0.871	676
MVE14/001	4/0-012.4KVNSEP	4/0	19	0.125	.520	1.01	995
MVE125001		250	37	0.14	.566	1.127	1199
MVE135001	350-012.4KVNSEP	350	37	0.14	.670	1.229	1560
MVE150001	500-012.4KVNSEP	500	37	0.14	.800	1.357	2088
MVE175001		750	61	0.155	.983	1.55	2971

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

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