

PVC Insulated Wire

Prestolite manufactures a full assortment of standard wire and cable products for the OEM in automotive and many other industries. These include welding cable, automotive primary wire, ABS cable, battery cable, and a large assortment of UL-approved cable styles and flex cordage. However, we specialize in designing custom cable and wire set solutions, including harness assemblies, to meet specific requirements for signal transmission, environmental concerns such as temperature or abrasion, and, for automotive applications, space constraints under the hood or in the chassis. Please contact us for any information on any standard or custom product need.

UL: MTW, 1015, 1230, VW-1
CSA: AWM I A/B, TEW, FT-1

Specifications

AWG Size	Number of Strands	Minimum Average Wall (inches)	Nominal OD (inches)
22	7	0.031	0.092
20	10	0.031	0.100
18	16	0.031	0.110
16	26	0.031	0.123
14	41	0.031	0.142
12	65	0.031	0.158
10	105	0.031	0.180

Conductor

- Solid or stranded copper, tinned or bare
- Stranding available in other constructions, as well as in tinned or bare

Insulation

- PVC

Temperature Rating

- 105°C

Voltage Rating

- 600 Volts

Applications

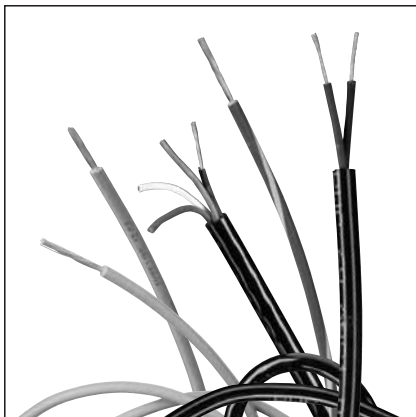
- For internal wiring of appliances where exposed to temperatures not exceeding 105°C or where exposed to oil at a temperature not exceeding 60°C or 80°C, whichever is applicable.
- Tag may indicate the following: *2,500 Volts peak — for electronic use only.*

Features

- Moisture resistant
- Versatile 105°C rated product meets the requirements of CSA appliance wire, CSA Type CL-904 coil lead wire and CSA Type TEW equipment wire

PRODUCT DATA

PVC Insulated Wire



UL: 1569, 1007, VW-1

CSA: AWM I A/B, TR64, FT-1

Specifications

AWG Size	Number of Strands	Minimum Average Wall (inches)	Nominal OD (inches)
24	7	0.016	0.058
22	7	0.016	0.064
20	10	0.016	0.070
18	16	0.016	0.070
16	26	0.016	0.095

Conductor

- Solid or stranded copper, tinned or bare
- Stranding available in other constructions, as well as in tinned or bare

Insulation

- PVC

Temperature Rating

- 105°C

Voltage Rating

- 300 Volts

Applications

- For internal wiring of appliances where exposed to temperatures not exceeding 80°C or where exposed to oil at a temperature not exceeding 60°C or 80°C, whichever is applicable
- Tag may indicate the following: *600 Volts peak — for electronic use only.*

Features

- Moisture resistant
- Small diameter appliance wire provides space and weight savings
- Polyvinyl chloride insulation is tough and flame resistant

For Product Information, Quotations and Ordering

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