

VieTape PO9001 HEAT SHRINK TUBE

DESCRIPTION

VieTape PO9001 is a flexible heat shrink tube that provides a high abrasion, corrosion, and chemical resistance ability. This is also an environmentally friendly product with high-temperature resistance.

APPLICATION

- Provide protective covering and electrical insulation to wires, connections, joints, and terminals.
- Splicing and bundling applications.

APPEARANCE AND DIMENSION

Properties	Value
Chemical base	Polyolefin
Color	Black/Customizable
Shrink ratio	2:1
Shrink temperature	120°C
Inner diameter/wall thickness before shrunked	3.5±0.2mm/0.23±0.05mm
Inner diameter/wall thickness after shrunked	<1.5mm/0.45±0.1mm
Scope of application	1.6-2.7mm

TYPICAL PERFORMANCE

Properties	Value
Tensile strength	>11 MPa
Elongation at break	>200%
Longitudinal shrinkage	<5%
Working temperature	-55 -135°C
Dielectric strength	>15kV/mm
Volume resistivity	> 10 ¹⁴ Ohm.cm
Water absorption	<0.5%
Corrosive effect	Non-corrosive



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DIRECTION OF USE

- Apply the heat shrink over the substrate.
- Heat evenly around the tube, working either from the middle out or from one end to the other. Gradually heat the product ensuring that no air is trapped under the tubing until full recovery is achieved.
- Heat shrink tubing will also shrink in length, normally no more than 5%, so you should consider longitudinal shrinkage, especially when cutting the tube to length.
- In the case of using the heating oven to shrink the tube, please note that when putting the heat shrink sleeve into the oven, the oven temperature has a downward trend.
- The actual temperature of the oven must reach the set temperature for more than 3 mins before placing the heat shrink sleeve into.

SHELF LIFE

- Store at room temperature, ideally at 25°C, avoid exposure to high temperatures for a long time. Allowable storage temperature: 0-40°C.
- The shelf life of this product is 3-5 years under recommended storage conditions.

The data above is provided only as a guide for evaluation/consideration. These typical properties are based on a limited number of samples tested in the laboratory. We cannot assume responsibility for results obtained by others over whose methods we have no control. It is the user's responsibility to determine suitability for the user's purpose of any product or method. We recommend that each prospective user test the proposed application before repetitive use, using this data as a guide.

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