

SILICONE FIBERGLASS SLEEVES

SPECIFICATION

Description

The silicone fiberglass sleeve consists of a glass yarn sleeve coated with a layer of silicone lacquer.

Properties

The silicone fiberglass sleeve is flexible, non-transparent and available in various colors. The glass fabric ensures very good mechanical properties at high temperatures up to class C (230 °C).

Application

Main field of application – electric-, heat- and mechanical insulation in the manufacture and repair of electric motors, transformers, electric welding units, electric machines, lighting fittings and household electrical appliances. These products are highly flexible. The surface is smooth, non-adhesive and allows easy mounting.

Color: natural – translucent, colored – basic colors

Packaging: Cardboard spool with variable length depending on the size of the sleeves, or cut in 1m length.

Delivery format

| Size | Spool Length |
|--------------|--------------|
| 0,5 - 4,5 mm | 200 m |
| 5 - 14 mm | 100 m |

Standards

EN or IEC 60684-3-400-402:2002
BDS EN 60684-3-400-402:2003

TECHNICAL DATA

| Property | Value | Unit |
|------------------------------------|--------------------------------------|----------------------|
| Material | Fiberglass yarn and silicone varnish | - |
| Heat resistance class | C | - |
| Work temperature | 230 | °C |
| Specific volume resistivity | 50 - 200 | MΩ * m ⁻¹ |
| Breakdown voltage | > 1.5 | kV |

| Inner Diameter, mm | Tolerance, mm | Wall Thickness, mm | | |
|--------------------|---------------|--------------------|------|------|
| | | Min | Max | |
| 0,5 | 0,10 | 0,15 | 0,50 | |
| 1,0 | 0,20 | | 0,20 | 0,60 |
| 1,5 | | | | 0,65 |
| 2,0 | | | | |
| 2,5 | | 0,25 | | 0,20 |
| 3,0 | | | | |
| 4,0 | 0,50 | | 0,40 | |
| 5,0 | | 1,20 | | |
| 6,0 | | | | |
| 8,0 | | | | |
| 10,0 | 0,50 | 0,40 | 1,20 | |
| 12,0 | | | | |
| 14,0 | | | | |