

Double insulation tubing



Model number: SB-DIT

Operating temperature: -40°C - 125°C

Structure

Double insulation tubing is manufactured with glassfiber and thermal plastic epoxyresin. It is braided by glassfiber in high pressure. It adopts reasonable helical angle and suitable tensile strength. To make sure the pressure is equal to every strand and form a stable structure. UL and RoHS compliant.

Usage

It is widely applied to dynamoelectric tool, home appliances, park tool and other electricity equipments.

Product Characteristics

Main advantages:

- Compressing and assisting tool
- Precision and automate equipment
- Reduce cost
- Tube can be compressed, the other material -can reuse
- Excellent electricity design
- UL registered material (NFW -G-10)

Other feature:

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|--|------------------------------|
| -Flexible design and size | -Simple design and save time |
| -Lead time is only 4~6 weeks if reassemble. | -Low power |
| -Reduce changing time | -Environmental |
| -No storage time limited (The storage molding material is 60-120 days) | |

Property

-Electrical application:

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| -Dielectric withstand 14kV/mm | -Longitudinal strength: 144MPa |
| -5000 V high voltage test for 6 seconds. | -Water absorption is less than 0.1% in 24 hours |
| -Density hits 1.85 g/m ³ | -Volume resistivity: 10 ¹⁵ |
| -Softening point: 240 °C | -NFW-G-10 |
| -Insulation grade H | -Min thickness: 0.074 mm |
| -Temperature: 180°C | -UL 94 Flammability is 94HB |

-Standard tolerance:

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|-------------------------|--------------------------------------|
| - ID: ±0.0010" ±0.025mm | - length±0.010" ±0.25mm |
| - OD±0.0005" ±0.0125mm | - Concentricity: (TIR) 0.004" 0.10mm |