

# TECHNICAL DATA

# Scapa 8010B

Polyester Adhesive Tape

#### DESCRIPTION

**Scapa 8010B** is a polyester film coated with a thermosetting rubber adhesive system, with 0.052 mm total thickness and recommended for a variety of coil winding protection and insulation applications (130°C thermal class B).

# **APPLICATIONS**

- Fixing capacitors plastic film,
- Fixing and securing non-adhesive insulating materials between layers,
- Fixing output wires, copper sheets or wires harnesses,
- Layer and phases insulation,
- Outer protective insulating wraps for bobbins, transformers etc...
- Soldering protection and varied insulation uses for motors,
- Features identification (Printable).

### PRODUCT BENEFITS

- 23 microns polyester films backing for improved moisture resistance, weight and space savings,
- Outstanding dielectric strength,
- Thermosetting rubber adhesive system provides an outstanding compromise between tack and peel adhesion,
- Printable carrier which allows your brand and the component technical features marking and identification,
- UL 510 approval Guide OANZ 2: File E 103655 (M),
- Service temperature: 130°C continuous Thermal Class B.

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#### TECHNICAL PROPERTIES

|                       | Unit | Nominal value             | Test Method |
|-----------------------|------|---------------------------|-------------|
| Total Thickness       | mm   | 0.052                     | AFERA 4006  |
| Tensile Strength      | N/cm | 35                        | AFERA 4004  |
| Elongation at Break   | %    | 60 to 110                 | AFERA 4005  |
| Adhesion to Steel     | N/cm | 4.4                       | AFERA 4001  |
| Breakdown Voltage     | kV   | 4.6                       | AFERA 4011  |
| Insulation Resistance | MΩ   | 1x10 <sup>6</sup>         | AFERA 4010  |
| Service Temperature   | °C   | 130                       | UL1446      |
| Corrosion Factor      |      | 1                         |             |
| Cross-linking Cycle   |      | 1h at 150°C – 2h at 130°C |             |

# STANDARD PRESENTATION

Roll length: 66 metres

Roll width:
9, 12, 15, 19, 25, 30, 38 and 50 mm
Core:
76 mm Scapa branded cardboard core

Packaging:
9 and 12 mm in plastic bag; other widths are cellowrapped with a Scapa label

Colours: Transparent, Yellow

Note: Other dimensions are available upon request and may be subject to minimum order quantities.

#### RECOMMENDATIONS

The rolls should be stored flat on their cut edges in the original packaging. The product must be protected from dust, heat, moisture, direct sunlight and solvent fumes. Storage temperature between +10°C and +30°C. Under these conditions, the storage life of the tape in a temperate climate will be at least 6 months.

Surfaces should be clean, dry and free of dust, grease, oil or other contaminants.

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