



## 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.

## 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.*