



Tape 8705B

Polyester Adhesive Tape

DESCRIPTION

Tape 8705B is a polyester film coated with a fully cured acrylic adhesive system, with 0.055 mm total thickness and recommended for a variety of coil winding protection and insulation applications (130°C thermal class B).

APPLICATIONS

- 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),
- Cross-cut test of paints and varnishes (accordingly to EN ISO 2409).

PRODUCT BENEFITS

- 23 microns polyester films backing for improved moisture resistance, weight and space savings,
- Outstanding dielectric strength,
- Acrylic adhesive system specially designed for its resistance to solvents, freon and transformer oils,
- Service temperature: 130°C continuous – Thermal Class B,
- Good peel strength to check paints and varnishes.

TECHNICAL PROPERTIES

	Unit	Nominal value	Test Method
Total Thickness	mm	0.055	AFERA 4006
Tensile Strength	N/cm	35	AFERA 4004
Elongation at Break	%	60 to 110	AFERA 4005
Adhesion to Steel	N/cm	4.3	AFERA 4001
Breakdown Voltage	kV	5	AFERA 4011
Insulation Resistance	MΩ	1x10 ⁶	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: 11 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

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 one year.

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