

Adhesive tapes

Intertape 4564

- ▶ **Zone coated acrylic adhesive (porous backing) to facilitate the impregnation by trickle process**
- ▶ **No impact on the insulation class which depends of the varnish or resin property**
- ▶ **Become transparent after the varnish or resin curing**
- ▶ **Ideal for splicing glass fiber in the moulding applications**

		Value	Test norm
Colour		Natural	
backing thickness	mm	0.061	ASTM-D1000
Thickness	mm	0.175	ASTM-D1000
Backing		Polyester fleece	
Thermal class	°C	B / 130	ASTM-D1000
Elongation	%	35	ASTM-D1000
Tensile strength	N/25 mm	76	ASTM-D1000
Breakdown voltage	V	500	ASTM-D1000
Insulation resistance	MOhm	10E6	ASTM-D1000
Adhesive		Thermosetting Acrylic	
Adhesion to steel	N/25 mm	8.9	ASTM-D1000
Corrosion factor		A 1.2	ASTM-D1000

General description

4564 utilizes a porous non-woven polyester backing with a zone coated acrylic adhesive. The tape is free from corrosive substances and withstands impregnating varnishes and lacquers. The porous area without adhesive allows the impregnating fluids to pass through, avoiding air entrapment. The impregnated and cured tape provides a high insulating barrier. 4564 becomes an integral part of the cured impregnating resin. The breakdown voltage will increase after being impregnated with varnishes or lacquers and the insulation class will increase to the insulation class of the impregnation varnishes or lacquers after the part is cured.

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Application

- Coil wrapping
- Tapping
- Anchoring
- Affixing of glass fabrics during injection moulding

Storage Conditions

For the best shelf time storage temperature should be:

15°C to 25°C
relative humidity: 40% +/- 30%

Shelf life

4564 can be stored at room temperature for at least 12 month.