

Adhesive tapes

Isotape 51600 PV3

- ▶ High tensile strength
- ▶ Resistance to edge tear
- ▶ Oil and Varnishes resistance
- ▶ Nynas and Shell oils resistant
- ▶ up to 155°C Temperature usage
- ▶ Chlorine free

		Value	Test norm
Backing		Woven polyester	
backing thickness	mm	0.125	ASTM-D1000
Total thickness	mm	0.180	ASTM-D1000
Width	mm	850	
Length	Mt.	50	
Color		White	
Tensile strength	N/25 mm	300	ASTM-D1000
Elongation	%	10	ASTM-D1000
Adhesive		Thermosetting acrylic	
Adhesion to steel	N/25 mm	11.8	ASTM-D1000
Breakdown voltage	kV	≥1.7	ASTM D-149
Thermal class	°C	130	

General description

51600PV3 is a woven polyester backing system that provides a high tensile strength. The aggressive adhesive makes this tape ready for a variety of heavy duty insulating and holding applications. It offers resistance to edge tear for a large number of applications. Excellent conformability remains flexible after curing. Also a thermosetting acrylic adhesive system gives the tape excellent solvent and oil resistance (resistant to Nynas Nytro 10 GBN oil for immersed transformer).

Application

- Coil outer wraps
- Final bandage for transformer coil
- Electrical motor and generator binding
- Protection and end wrapping for oil immersed coil
- also suitable for stator winding for electro motors

Storage Conditions

For the best shelf time storage temperature should be:

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

Shelf life

51600PV3 can be stored at room temperature for at least 12 months.

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