

adhesive tapes

Paper / Glass filament reinforced tape

Isotape 52402PV3

Paper backing allows a better oil absorbtion

High tensile resistance and tear strengths

Exceptional compatibility with wide range of oils

Excellent adhesion to all insulation materials used on dry transformer

General description

Isotape 52402PV3 is expressly engineered as a construction tape for use in the manufacture of oil -filled distribution and power transformers. The paper backing allow the oil absorbtion to minimize the air entrapment that could lead a potential discharg

Form of Delivery

Length : 55 M
 standard Widths: 12 to 975 mm
 other dimensions upon request

Thermosettings cycles

Rubber and Acrylic adhesives

1 hour at 150 °C (300°F)

2 hours at 130°C (275°F)

Silicone adhesive

2 hours at 260°C (500°F)

24 hours at 260°C for maximum resistance to solvents

Shelf life

52402PV3 can be stored at room temperature for at least 12 months

		Value	Minimum value	Test norm
Backing		Paper & Glass filament		
Backing thickness	mm	0.200		ASTM D 1000
Total thickness	mm	0.260	0.230	ASTM D 1000
Adhesive type		Acrylic oil compatible		
Colour		white		
Adhesion to steel	N/25mm	11.7	9.8	ASTM D 1000
Tensile strength	N/25mm	372	343	ASTM D 1000
Elongation at break	%	18	15	ASTM D 1000
Breakdown voltage	Volts	5000	3000	ASTM D 149
Thermal class	°C	-20 / + 155°C		UL 510

Application

Suitable for wide range of banding , bundling and reinforcing applications. All holding functions in the manufacture of medium to large size dry transformer.

Storage conditions

For the best shelf time storage, temperature should be: 15°C to 25 °C
 relative humidity : 40 % +/- 30 %

Liability :Von Roll products are used successfully in many sectors to solve a variety of problems. Our publications contain numerous examples of such uses, intended to help towards a solution of your particular problems. Each product has been developed for a particular range of applica-tions. Nevertheless, experience has shown that even for one and the same objective, the exact requirements may differ from case to case. We, therefore, recommend that you carry out your own tests in each case, to confirm that our tape which you envisage using is appropriate for y-our particular application. All information and recommendations are given by us in good faith, on the basis of practical experience, but without warranty. Isotape TM is a trade name for Von Roll.

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