

Tapes

3M™ 44

Material: 3M™ 44 is made of polyester-film and –fleece with thermosetting pressure-sensitive rubber adhesive.

Properties: 3M™ 44 is a puncture resistant, conformable tape with excellent electrical properties.

Applications: 3M™ 44 can be used in stick-wound coils/transformers and in bobbin-wound coils for banding, anchoring, insulating, to protect start wires, leads, terminal strips, insulation papers, end turns and connections in transformers and motors.

Colour: transparent

Properties	Test method	Unit	Value
Thickness		mm	0,139
Breaking strength	ASTM D-1000	N/10 mm	70
Elongation	ASTM D-1000	%	50
Adhesion to steel	ASTM D-1000	N/10 mm	7,1
Puncture resistance	L-T-001512	Kg	5,4
Dielectric strength	ASTM D-1000	V	5500
Temperature class		°C	130
Insulation resistance		Megohms	1x10 ⁶
Electrolytic corrosion factor	3M		1,0
CTI Material group			I

Dr. Dietrich Müller GmbH

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Please note:

The information in this data sheet is based on our current knowledge and experience. They do not disengage the fabricator and the user from own tests and inspections because of the plenty of possible effects. There is no judicial binding assurance of certain properties or of the qualification for a concrete application in our declaration. We recommend consulting us in individual cases. The acceptor of our products has to observe possible industrial property rights as well as present laws by himself.

Dr. Dietrich Müller GmbH