

Tapes

3M™ 46

Material: 3M™ 46 is made of polyester/glass filament with a thermosetting pressure-sensitive rubber adhesive.

Properties: 3M™ 46 has excellent physical and electrical characteristics. It offers high tensile strength and dielectric strength.

Applications: 3M™ 46 can be used as lead anchoring and for banding of coils where high edge-tear resistance and low stretch under application tension is required.

Properties	Test method	Unit	Value
Caliper	ASTM D-1000	mm	0,177
Breaking strength	ASTM D-1000	N/10 mm	481
Elongation		%	5
Adhesion to steel	ASTM D-1000	N/10 mm	5,4
Dielectric strength	ASTM D-1000	V	5500
Insulation resistance	ASTM D-1000	megohms	3x10 ³
Electrolytic corrosion factor	3M		1,0

3M™ 46

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