

Tapes

3M™ 1205

Material: 3M™ 1205 is made of polyimide-film with a pressure-sensitive acrylic adhesive.

Applications: 3M™ 1205 is a flame retardant tape which can be used as insulating material for wrapping coils, transformers, capacitors, wire harnesses, anchoring leads and terminal boards. It can also be used in printed circuit board assemblies as wave solder masking tape.

Storage conditions: 3M™ 1205 lasts for 5 years from date of manufacture if stored in a humidity controlled environment (10-27°C, <75% rel. RH).

Properties	Test method	Unit	Value
Colour	ASTM D-1000		Amber
Adhesive	ASTM D-1000		Acrylic
Backing thickness	ASTM D-1000	mm	0,025
Total thickness	ASTM D-1000	mm	0,076
Tensile strength	ASTM D-1000	N/10 mm	53
Elongation at break	ASTM D-1000	%	55
Electrolytic corrosion factor	3M		1,0
Adhesion to steel	ASTM D-1000	N/10 mm	3,8
Comparative tracking index	IEC 112		CTI group IIIb
Printable	ASTM D-1000		No
Dielectric breakdown	ASTM D-1000	V	7500
Insulation resistance	ASTM D-1000	megohms	1 x 10 ⁶

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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.

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