

Tapes

3M™ 8560

Material: 3M™ 8560 is a tape with polyurethane as base material and an acrylic adhesive.

Properties: 3M™ 8560 offers exceptional protection against abrasion and wear and has excellent tear resistance and mechanical properties.

Applications: 3M™ 8560 is used as surface protection against corrosion-, abrasion- and impact-damage.

Colour: transparent

Delivery forms: 3M™ 8560 is available with a length of 33 m and 66 m. Other lengths upon customers request. 3M™ 8560 can also be delivered as customized cut or die-cut part.

Storage conditions: 3M™ 8560 lasts up to 12 months after date of manufacture in its original packaging.

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Property	Test method	Unit	Value
Adhesive			Rubber
Base material			Polyurethane
Colour			Transparent
Thickness		mm	0,36
Thickness tolerance		mm	± 0,038
Density base material		kg/m³	1090
Liner			Siliconized paper
Peel strength glass aluminum enamel ABS plastic	ASTM D-1000	N/100 mm	24 21 30 32
Tensile strength	ASTM D-882	N/100 mm	1313
Elongation at break	ASTM D-882	%	400
Tear resistance	ASTM D-1938	N	30,7
Abrasion resistance	ASTM C-501	g/1000	0,1
Shore A hardness	ASTM D-2240		85
Dielectric strength	ASTM D-1000	Volt	12500
Temperature resistance longterm shortterm		°C	softening at >65°C
Dimensional stability 120°C		%	1,0
weathering			Only for indoor application
Solvent resistance 24 h engine oil dest. water gasoline (leaded) gasoline (unleaded) gasoline (unleaded) with 10 .% ethanol Diesel JP 4 aviation fuel JP 5 aviation fuel hydraulic fluid			No effect No effect Adhesion strength loss Adhesion strength loss Adhesion strength loss Adhesion strength loss Adhesion strength loss Adhesion strength loss No effect

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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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