



ScotchmateTM

Hook & Loop Fastening System SJ3526 (Hook) & SJ3527 (Loop)

Product Data Sheet

Updated : July 1999
Supersedes : October 1994

Product Description Hook and Loop Fastening System with a Pressure Sensitive Rubber Adhesive.

Physical Properties
Not for specification purposes

Adhesive Type	Pressure Sensitive Rubber	3M ref :
Width	15.9 mm	
Selvage Edge Width	1.6 mm	
Release Liner	White Polypropylene	
Colours	Black, White	
Shelf Life	12 months from date of despatch by 3M when stored in the original carton at 21°C (70°F) & 50% Relative Humidity	

Performance Characteristics
Not for specification purposes

Temperature Performance Continuous Intermittent	-29° to 49°C -29° to 70°C	
Features	General purpose adhesion to most smooth surfaces.	
Flammability Resistance	Passed F.A.R.25.853 par (b), (b2); FMVSS 302 attached to metal panels.	
Solvent Resistance	Nylon hook and loop resists most common solvents and alkaline solutions. Some acid solutions will deteriorate the fastener.	
Water Resistance	Prolonged exposure to water reduces hook and loop closure strength. Full strength returns after drying. Black offers somewhat better moisture resistance.	

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Backing/Substrate Selection

SUBSTRATES	PRESSURE-SENSITIVE ADHESIVE-BACKED
Bare Metal	✓
Painted Metal	✓
Finished Wood	✓
Plastics : ABS	✓
Polystyrene	✓
Acrylic	✓
Polyethylene	✓
Polypropylene	✓
Polycarbonate	✓
Rigid Vinyl	✓
Plasticised Vinyl	
Paper, cardboard	✓
Glass	✓
Painted concrete	✓

Application Techniques

Apply like tape: Remove liner on the adhesive backing. Without touching the adhesive, place the fastener on the clean, dry surface. To obtain optimum bond strength, roll down with firm application pressure to maximise adhesive-to-surface contact.

Prior to bonding, the surface must be clean of dirt, oils and mould release agents. Typical cleaning solvents are isopropyl alcohol/water (rubbing alcohol) or heptane. When using solvents, be sure to follow manufacturers directions and precautions for handling such materials.

The pressure-sensitive adhesive bonds on contact, and parts can be handled immediately. Approximately 50% of ultimate bond strength will be achieved after 20 minutes. Maximum bond strength is achieved after additional dwell time of 24 hours (1 hour minimum).

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Values presented have been determined by standard test methods and are average values not to be used for specification purposes. Our recommendations on the use of our products are based on tests believed to be reliable but we would ask that you conduct your own tests to determine their suitability for your applications. This is because 3M cannot accept any responsibility or liability direct or consequential for loss or damage caused as a result of our recommendations.



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