

# Scotchmate™

## Hook & Loop Fastening System SJ3571 (Loop) & SJ3572 (Hook)

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### Product Data Sheet

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Updated : October 1994  
Supersedes : All Previous

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**Product Description** Hook and Loop Fastening System with a Pressure Sensitive High Performance VHB™ Acrylic Adhesive.

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**Physical Properties**  
Not for specification purposes

<b>Adhesive Type</b>	Pressure Sensitive VHB™ Acrylic	<b>3M ref :</b>
<b>Width</b>	15.9 mm	
<b>Selvage Edge Width</b>	1.6 mm	
<b>Release Liner</b>	Clear Polypropylene	
<b>Colour</b>	Black	
<b>Shelf Life</b>	12 months from date of despatch by 3M when stored in the original carton at 21 °C (70 °F) & 50% Relative Humidity	

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**Performance Characteristics**  
Not for specification purposes

<b>Temperature Performance</b> Continuous	-29° to 93 °C	Supports static loads up to 2.2 lbs/sq.in at 200 °F
<b>Features</b>	High performance for aircraft, automotive, business equipment, electronics. Resists harsh wet/dry, hot/cold cycles.	
<b>Flammability Resistance</b>	Passed F.A.R.25.853 par (b3); FMVSS 302 as is (unattached); F.A.R.25.853 par (b), (b-2), (b-3); FMVSS 302 attached to metal panels.	
<b>Solvent Resistance</b>	Nylon hook and loop resists most common solvents and alkaline solutions. Some acid solutions will deteriorate the fastener.	
<b>Water Resistance</b>	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 72 hours (48 hours minimum).

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