



a Mativ  
Brand

# High-Temperature Masking Tapes

For Industrial Applications



# High-temperature masking tape range

Scapa Industrial’s high-temperature masking tapes are designed to withstand extreme heat conditions while ensuring clean removal and excellent adhesion across various applications. With solutions tailored for powder coating, thermal spray, and general high-heat masking, Scapa Industrial’s range offers reliability and performance for industries requiring precision masking.

### Paper Tapes

These semi-crepe paper tapes offer strong adhesion, flexibility, and excellent conformability, making them ideal for intricate masking in high-temperature applications.

### Polyester & Polyimide Tapes

Providing clean fine-line demarcation, these tapes resist high temperatures up to 260°C, with polyimide options offering enhanced abrasion resistance and superior flexibility.

### Glass Cloth Tapes

Designed for thermal spray coating, these durable tapes withstand extreme temperatures up to 290°C while maintaining flexibility and conformability.

APPLICATION REQUIREMENTS ARE AS DIVERSE AS:

✓ Transport: Truck and Bus, Aerospace, Ships, Rail and Military Industries

✓ Building: Aluminium Profiles, Metal Structures, Furniture and Floor Coverings

✓ Electronics: White Goods and Electrical Boxes

✓ Automotive: Car Manufacturing and Repair

✓ Medical: Surgical Instruments

SELECTION OF THE RIGHT TAPE ENSURES:

✓ High-temperature performance

✓ Conformability and flexibility

✓ Easy and clean removal

✓ Bonding on different substrates

	PRODUCT CODE	ADHESIVE TYPE	CARRIER THICKNESS μM (MILS)	TOTAL THICKNESS μM (MILS)	OPERATING TEMPERATURE °C (°F), 20 MIN EXPOSURE	ADHESION TO STEEL N/25MM (OZ/INCH)	COLOUR	SPECIAL FEATURES
PAPER	9100S	Rubber	120 (4.72)	130 (5.12)	100 (212)	6.5 (22.95)	Cream	Resistant to emulsion and solvent paints Resistant to IR drying and to oven baking Moderate tack, good peel adhesion
	2595	Silicone	102 (4.02)	150 (5.91)	200 (392)	8 (29.35)	Cream	Specifically designed for use within powder coating and finishing industries Withstands temperature in excess of 180°C
POLYESTER	1601	Silicone	23 (0.91)	58 (2.28)	180 (356)	8 (29.35)	Blue	Thin carrier to ensure good conformability Higher temperature resistance than C574NS
	1629	Silicone	50 (1.97)	85 (3.34)	220 (428)	6,3 (22,95)	Green	General purpose masking tape for powder coating operations Thicker version for a highest temperature resistance up to 220°C short-term
POLYIMIDE	1801	Silicone	25 (0.98)	60 (2.36)	260 (500)	6,3 (23.1)	Amber	Kapton** polyimide carrier (*Dupont de Nemours) Polyimide carrier and high tensile strength providing higher temperature resistance
GLASS CLOTH	1504H	Silicone	114 (4.49)	170 (6.69)	250 (482)	9,5 (34.85)	White	Single-sided fibre glass cloth Retains physical properties at high-temperature

Scapa develops solutions to meet customer demands – a selection of products in our standard range is shown here. If, however, you do not find the right product for your specific requirements, please contact us to research the best solution.

THE TEMPERATURE RESISTANCE IS VALIDATED IF RESULTS SHOW

✓ Clean removal after use with no residue

✓ No shrinkage after temperature exposure

✓ Easy removal in one piece

# Why Choose Scapa Industrial



Reliable R&D Support



High quality products



Manufactured in an ISO certified facility



Global manufacturing capabilities



Customer comes first



Shorter lead times

# Here for you, and for your customers' needs.

## Global Perspective

Process Friendly

Global Service

Cost Effective

High Performance

Consistent Quality

Tailor-made R&D

Local Service

For additional information, please contact your  
Sales Manager or Scapa Industrial Customer Care

[www.scapaindustrial.com](http://www.scapaindustrial.com)



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