



Technical Data Sheet

3M™ Specialty High Temperature Masking Tape 5501A



[Product Details](#)

Product Description

3M™ Specialty High Temperature Masking Tape 5501A is a tan colored crepe paper masking tape for critical paint masking applications in the aerospace market where excellent holding and high temperature performance are required.

Product Features

- Specialty high temperature masking tape used for critical paint masking applications.
- High-temperature adhesive quickly sticks with confidence to most surfaces - including metal, rubber, glass, and plastic - while removing cleanly in one piece.
- Extra strong high-temperature tan crepe-paper backing conforms to irregular surfaces and resists bleed through from most industrial paint systems.
- Temperature resistant up to 300°F (149°C) for 30 minutes.
- Provides super sharp paint lines.
- Backing provides excellent conformability.

Technical Information Note

The following technical information and data should be considered representative or typical only and should not be used for specification purposes.

Typical Physical Properties

Attribute Name	Test Method	Value
Color		Tan
Adhesive Type		Rubber
Backing		Smooth crepe paper treated with a heat resistant saturant
Total Tape Thickness	ASTM D3652	0.185 mm (7.3 mil)

Typical Performance Characteristics

Attribute Name	Test Method	Temperature	Value
180° Peel Adhesion	ASTM D3330	23 °C (73 °F)	3.9 N/cm (36 oz/in) ¹
Elongation at Break	ASTM D3759		10 %
Tensile Strength	ASTM D3759		45.5 N/cm (26 lb/in)
Short Term Temperature Resistance			149 °C (300 °F) ²

¹ 304 mm/min (12 in/min)

² Short Term (minutes, hour)

Storage and Shelf Life

Store under normal conditions of 16° to 27°C (60° to 80°F) and 40 to 60% relative humidity in the original packaging, out of direct sunlight. For best performance, use this product within 18 months from date of manufacture.

Available Sizes

Attribute Name	Value
Standard Roll Length	55 m (60.17 yd)

Information

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ISO Statement

This product was manufactured under a 3M quality system registered to ISO 9001 standards.

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