



## Technical Data Sheet

### 3M™ Specialty High Temperature Purple Masking Tape 501+



[Product Details](#)

#### **Product Description**

3M™ Specialty High Temperature Purple Masking Tape 501+ is a purple colored crepe paper masking tape for critical paint masking applications in the automotive, specialty vehicle, and industrial markets where excellent holding and high temperature performance are required.

#### **Product Features**

- Purple colored 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 purple 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 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		Purple
Adhesive Type		Rubber
Backing		Heat resistant smooth crepe paper
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	22 °C (72 °F)	4 N/cm (37 oz/in) <sup>1</sup>
Elongation at Break	ASTM D3759		11 %
Tensile Strength	ASTM D3759		54.3 N/cm (31 lb/in)
Short Term Temperature Resistance			149 °C (300 °F) <sup>2</sup>

<sup>1</sup> 12 in/min (300 mm/min)

<sup>2</sup> 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 yd) <sup>1</sup>

<sup>1</sup> Available in metric widths (eg, 24 mm corresponds to 1 inch).

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## ISO Statement

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

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