



TBP Converting, Inc.  
3M 501+ Masking Tape PDS

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

Technical Data

May, 2017

## Product Description

3M™ Specialty High Temperature Purple Masking Tape 501+ is a purple 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 Construction

Backing	Adhesive	Colour	Standard Roll Length
Heat-resistant smooth crepe paper	Rubber	Purple	55 m (60 yds.)*

\*Available in metric widths (e.g., 24 mm corresponds to 1 inch).

## Typical Physical Properties

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

		ASTM Test Method
Adhesion to Steel:	40 N/100 mm width (37 oz./in. width)	D-3330
Tensile Strength:	543 N/100 mm width (31 lbs./in. width)	D-3759
Elongation at Break:	11%	D-3759
Total Thickness:	7.3 mils (0.185 mm)	D-3652
Temperature Use Range:	Up to 149°C (300°F) for 30 minutes	

## Features

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

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**Storage**

Store under normal conditions of 21°C (70°F) and 50% R.H. in the original carton.

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**Shelf Life**

To obtain best performance, use this product within one year from date of shipment.

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**Technical Information**

The technical information, recommendations and other statements contained in this document are based upon tests or experience that 3M believes are reliable, but the accuracy or completeness of such information is not guaranteed.

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**Product Use**

Many factors beyond 3M's control and uniquely within user's knowledge and control can affect the use and performance of a 3M product in a particular application. Given the variety of factors that can affect the use and performance of a 3M product, user is solely responsible for evaluating the 3M product and determining whether it is fit for a particular purpose and suitable for user's method of application.

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