

3M

Masking Tape

203

Technical Data

December, 2010

Product Description

3M™ Masking Tape 203 is a general purpose masking tape that can be used for holding, bundling, sealing and a vast number of other jobs where a pressure-sensitive tape is needed.

Product Construction

Backing	Adhesive	Color	Standard Roll Length
Crepe Paper	Rubber	Tan	60 yds. (54.9 m)

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.

IMPORTANT NOTICE: The following technical data is from tests conducted on samples taken from limited production data. 3M will continue to test samples from additional production runs and will issue an updated technical data sheet. 3M recommends you test this product to make sure it is fit for your particular purpose and suitable for your applications.

ASTM Test Method		
Adhesion to Steel:	30 oz./in. width (32.8 N/100 mm)	D-3330
Tensile Strength:	20 lbs./in. width (350 N/100 mm)	D-3759
Elongation at Break:	8.3%	D-3759
Tape Thickness:	4.7 mils (0.12 mm)	D-3652
Temperature Use Range:	Up to 200°F (93°C) for up to 30 minutes Removes Cleanly*	

*Has been laboratory tested on painted steel panels and found to remove cleanly at bake temperatures of up to 200°F (93.3°C) for 30 minutes. The actual temperature and time performance may be higher or lower for a given application. Clean removal can vary dependent on surface type, processing conditions such as multiple bakes, type of paint involved as well as the temperature of the surface at removal. We recommend testing the product under your conditions to determine if it meets your needs.

Features

- Tape has been tested and found to meet the requirements of ASTM D 6123 / D 6123M-97. Can be certified to this standard upon request.
- The rubber adhesive provides good instant adhesion that sticks to a wide variety of surfaces.
- Good holding power to resist lifting or curling.
- Crepe paper backing that is conformable.
- Backing resists slivering yet is hand tearable.
- Designed for indoor use. Tape may become very difficult to remove if subjected to prolonged outdoor exposure.

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Application Ideas

- Holding and bundling for a wide variety of materials.
- Sealing and wrapping applications where a pressure-sensitive tape is needed.

Storage

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

Shelf Life

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

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.

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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ISO 9001:2008

This Industrial Adhesives and Tapes Division product was manufactured under a 3M quality system registered to ISO 9001:2008 standards.



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