



# Performance Automotive Masking Tape

03431 • 03433 • 03435 • 03490

Technical Data Sheet

July, 2014

3M Part No.(s)	3M Part Descriptor(s)
03431	18mm x 32m, 24 rolls per case
03433	36mm x 32m, 24 rolls per case
03435	48mm x 32m, 12 rolls per case
03490	24mm x 32m, 24 rolls per case

**Product Description** 3M™ Performance Automotive Masking Tape, a bright green color with a crepe paper backing, has elevated elongation to allow for excellent conformability while still achieving a sharp paint line. With high adhesion properties, this tape resists bleed through, lifting, and curling and can be used with both solvent and waterborne paint systems. 3M™ Performance Automotive Masking Tape removes cleanly with no adhesive transfer to the surface for a clean, high quality paint job.

Features, Advantages, Benefits	Features	Advantages	Benefits
	1. Proprietary adhesive	1. Instant adhesion and good holding power	1. Easy handling allows fast application
	2. Bright green color	2. Adhesive transfer and bleed through resistance	2. Good surface contact provides secure holding to achieve sharper paint line
	3. Controlled crepe paper backing	3. Brightly colored backing allows for improved visibility	3. Clean removal helps minimize labor required
	4. Excellent conformability	4. Smoothness and improved conformability	4. Highly conformable backing allows for easy masking of vehicle contours
	5. Special backing treatment	5. Controlled unwind and balanced construction	5. Resists lifting and curling
	6. Unique components		6. Excellent versatility and efficiency to help save time and money

## 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.

<b>Adhesion to Steel</b>	36 ounces/inch width	ASTM D-3330
<b>Tensile Strength</b>	25 lbs/inch width	ASTM D-3759
<b>Elongation at Break</b>	10%	ASTM D-3759
<b>Tape Thickness</b>	6.7 mils (0.17mm)	ASTM D-3652
<b>Temperature Use Range</b>	Up to 250°F (121°C) for up to 30 minutes	

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**Product Uses** High performance masking tape for use in all automotive repair and painting applications.

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

- Highly conformable
- Superior adhesive transfer resistance
- Provides outstanding paint lines
- Balanced construction for applications where clean removal and conformability are critical requirements
- Easy unwind for easy handling
- Better adhesion in hot and cold conditions
- Strong backing for better sliver resistance
- Good over-taping performance
- Manufactured in an ISO 9002 registered plant to meet worldwide quality standards

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**Directions for Use** Make sure surfaces are thoroughly clean and dry before applying masking tapes. For best adhesion results, surface temperatures of 60-90°F (16-27°C) for application are recommended. Designed for indoor use with UV resistance for up to 2 days. Prolonged exposure to sun and heat may cause tape to become very difficult to remove. Should be removed by pulling up from surface at a 90 degree angle to avoid slivering or adhesive transfer to the surface.

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**Storage and Handling** For best performance use this product within 12 months from the date of manufacture. Store product in the original carton under normal conditions of 50 to 80°F (10 to 27°C) and 50% relative humidity.

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## Precautionary Information

Refer to Product Label and Material Safety Data Sheet for Health and Safety Information before using this product. See link below:

[http://solutions.3m.com/wps/portal/3M/en\\_US/MSDS/Search/?gsaAction=msdsSRA&msdsLocate=en\\_US](http://solutions.3m.com/wps/portal/3M/en_US/MSDS/Search/?gsaAction=msdsSRA&msdsLocate=en_US)

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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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## For Additional Health and Safety Information



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