



Automotive Refinishing Masking Tape

03423 • 03425

Technical Data Sheet

July, 2014

3M Part No.(s)	3M Part Descriptor(s)
03423	18mm x 32m, 24 rolls per case
03425	36mm x 32m, 24 rolls per case

Product Description 3M™ Automotive Refinish Masking Tape is designed for use with all automotive paint masking applications, with excellent performance on metal, rubber, glass, and plastic surfaces. This tape resists adhesive transfer and lifting and is compatible with both solvent and waterborne paint systems. 3M™ Automotive Refinish Masking Tape has medium to high adhesion to achieve a sharp paint line, resists bleed through, and provides good conformability.

Features, Advantages, Benefits	Features	Advantages	Benefits
	1. Proprietary rubber-based adhesive	1. Instant adhesion to vehicle surfaces and good holding power	1. Allows for fast and efficient application
	2. Specially treated backing	2. Solvent and moisture resistant	2. Minimizes bleed through
	3. Semi-smooth crepe paper backing	3. Controlled unwind	3. Unwind makes tape easier to handle
	4. Balanced construction	4. Thin conformable backing	4. Produces sharp, clean paint line for quality results
			5. Efficient masking tool helps 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.

Adhesion to Steel	37 ounces/inch width	ASTM D-3330
Tensile Strength	28 lbs/inch width	ASTM D-3759
Elongation at Break	10%	ASTM D-3759
Tape Thickness	6.3 mils (0.16mm)	ASTM D-3652
Temperature Use Range	Up to 250°F (121°C) for up to 30 minutes	

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Product Uses General masking, both hand masking and with masking paper dispenser.

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

- Sticks to all automotive surfaces - metal, rubber, glass, and plastic
- Good conformability
- Clean removal
- Yellow color improves visibility to help with masking process
- Resists bleed through of all automotive paint systems
- Compatible with both solvent and waterborne paint systems

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 4 hours. Prolonged exposure to sun and heat are not recommended as this 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.

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 60 to 80°F (16 to 27°C) and 30% to 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

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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For Additional Health and Safety Information



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