



Automotive Masking Tape

03430 • 03432

Technical Data Sheet

July, 2014

3M Part No.(s)	3M Part Descriptor(s)
03430	18mm x 32m, 24 rolls per case
03432	36mm x 32m, 24 rolls per case

Product Description 3M™ Automotive Masking Tape, a natural colored crepe paper masking tape, is designed specifically for general automotive applications. This masking tape has a good balance of conformability and holding power which makes it suitable for many automotive masking applications. 3M™ Automotive Masking Tape has medium adhesion, resists lifting and curling on a variety of surfaces, and is compatible with both solvent and waterborne paint systems.

Features, Advantages, Benefits	Features	Advantages	Benefits
	1. Proprietary adhesive	1. Instant adhesion and good holding power	1. Sticks easily allowing fast application
	2. Crepe paper backing	2. Improved conformability, easy tear	2. Resists lifting and curling
	3. Backing saturant	3. Solvent and moisture resistance	3. Easy handling improves application time
	4. Special backside treatment	4. Controlled unwind	4. Minimizes bleed-through and the need for rework
	5. Unique components	5. Balanced construction	5. Versatile, easy to use and efficient 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	32 ounces/inch width	ASTM D-3330
Tensile Strength	21 lbs/inch width	ASTM D-3759
Elongation at Break	10%	ASTM D-3759
Tape Thickness	5.3 mils (0.13mm)	ASTM D-3759
Temperature Use Range	Up to 150°F (65°C) for up to 30 minutes	

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

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

- Strong backing
- Resists abrasion and slivering during wet sanding
- Resists paint flaking
- Good over-taping
- Clean removal
- 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, as UV/outdoor exposure is not recommended and 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.

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

