Precision Automotive Masking Tape

03491 • 03492

Technical Data Sheet **July, 2014**

3M Part No.(s)	3M Part Descriptor(s)
03491	1/4 in. x 35 yd., 24 rolls per case
03492	1-1/2 in. x 35 yd., 24 rolls per case

Product Description

3M™ Precision Automotive Masking Tape is a specially designed ultra- thin & smooth flat masking tape that makes it ideal for achieving extremely sharp paint lines, and is compatible with both solvent and waterborne paint systems. The thin backing also allows for the adhesive to visibly wet out so it is easy to see the even adhesion that results in high holding power, crisp paint lines, and a low-profile paint edge. 3M™ Precision Automotive Masking Tape is a suitable option on all automotive surfaces, including metal, glass, rubber, and plastic and can be easily removed without tearing or adhesive transfer upon completion of a paint job.

Features, Advantages, Benefits

Features	Advantages	Benefits
1. Proprietary acrylic adhesive	1. Excellent instant adhesion to all automotive surfaces - metal, glass, rubber and plastic	1. Allows for fast and efficient application
2. Ultra-thin, smooth backing	2. Good holding power yet removes easily without tearing or adhesive transfer	2. Produces sharp, low profile paint edges
3. Premium balanced construction	3. Can cut through layers of color and clear coat for easy removal after completing a job	3. Resists edge bleed with all paints, especially waterborne colors
4. Thin backing allows for visibility as adhesive wets out for assured evenness	4. Bonds completely and tears easily	4. Easy and clean removal for minimal cleanup labor time

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	10.4 ounces/inch width	ASTM D-3330
Tensile Strength	15.5 lbs/inch width	ASTM D-3759
Elongation at Break	6%	ASTM D-3759
Tape Thickness	3.5 mils (0.09mm)	ASTM D-3652
Temperature Use Range	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.

Performance Properties

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

- Crisp, sharp paint lines with no edge bleed
- Smooth and easy unwind
- Good paint anchorage reduces the possibility of paint flaking
- Translucent backing makes it easy to see what you are masking and when the tape is completely adhered
- Solvent and moisture resistant backing
- Safe for taping on fresh base coats when applying multiple colors
- Great for masking long, straight paint lines
- Special acrylic adhesive resists UV degradation making it safe to place masked vehicle outside

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. Press the entire width of the tape down firmly to ensure good adhesion and avoid lifting. Designed for indoor and outdoor use with UV resistance for up to 3 weeks. Longer term exposure to sun and heat is not recommended as it 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 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**
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For Additional Health and Safety Information

Automotive Aftermarket Division
3M Center, Building 223-6N-01
St. Paul, MN 55144-1000
1-877-666-2277 (1-877-MMM-CARS)
www.3M.com/automotive

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