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Technical Data Sheet 06652

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Public

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3M™ Automotive Refinish Masking Tape

Data Sheet

3M Part No.(s)	3M Part Descriptor (s)
06652	18mm x 55m - 48 rolls/case (3/4" applications)
06653	24mm x 55m - 24 rolls/case (1" applications)
06654	36mm x 55m - 24 rolls/case (1-1/2" applications)
06656	48mm x 55m - 24 rolls/case (2" applications)
06657	72mm x 55m - 12 rolls/case (3" applications)

3M Fax on Demand Identification Number :

Description

Automotive Refinish Masking Tape is a yellow crepe paper masking tape designed specifically for the critical paint masking processes used in the collision repair industry.

Features, Advantages, Benefits

Features	<ol style="list-style-type: none"> 1. Proprietary rubber-based adhesive 2. Specially treated paper backing 3. Semi-smooth crepe paper backing 4. Balanced construction
Advantages	<ol style="list-style-type: none"> 1. Instant adhesion to all vehicle surfaces and good holding power 2. Solvent and moisture resistance and controlled unwind 3. Thin conformable backing 4. Sticks, stays and removes cleanly
Benefits	<ol style="list-style-type: none"> 1. Allows for fast and efficient application 2. Minimizes bleed through, and unwind makes tape easier to handle 3. Produces sharp, clean, quality paint jobs 4. Efficient masking tool helps save time and money

Typical Physical Properties

Adhesion to Steel	37 ounces/inch	ASTM D-3330
Tensile Strength	28 pounds/inch	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 degrees F (121 degrees C) for up to 30 minutes	

Product Uses

Designed for use in the professional collision repair industry for paint masking on cars, trucks and other speciality vehicles.

Performance Properties

Balanced construction provides excellent masking performance for the professional paint refinisher.

- Sticks to all automotive surfaces - metal, rubber, glass and plastic
- Stays in place through bake cycles
- Good conformability
- Clean removal with no adhesive residue
- Resists bleed through of all automotive paint systems
- Yellow color improves visibility to help with masking process

Handling and Application Information

Directions for Use

Tape is designed for indoor use - exposure to sun and heat may cause tape to become more difficult to remove. For easier application and removal, apply long continuous strips of tape rather than multiple short pieces. Press the entire width of tape down firmly to avoid paint from seeping under the tape edges.

Applications

Make sure surfaces are thoroughly clean and dry before applying masking tapes. Some surfaces, such as rubber gaskets and moldings, should be cleaned with solvent before applying tape. For best adhesion results, surface temperatures should range from 60 degrees F to 90 degrees F when tape is applied. For clean removal, tapes should be removed at a 90 degree angle using a moderate speed, and surface temperature should range from 60 degrees F to 90 degrees F when tape is removed.

Storage and Handling

For best performance, masking tape should be used within twelve months of the date of manufacture. Store tape in the original carton when possible. The best storage conditions for masking tape is 50 to 90 degrees F and 30 to 50% relative humidity. Keep tape in a clean and dry storage area and away from direct sunlight. Do NOT store tape in the paint booth during bake cycles.

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.

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.

Country

US

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Details

- Proprietary rubber-based formula helps tape stick and stay, minimizing lifting or edge curl
- Flexible crepe-paper backing enables yellow tape to fit contours and curves, offering great usability
- Waterborne and solvent paint compatible
- Can resist temperatures up to 250°F (121°C) for up to 30 minutes
- Leaves a sharp, clean paint line with less paint or clear-coat build up
- Withstands outdoor exposure, solvents and moisture

3M™ Automotive Refinish Masking Tape 388N is a yellow crepe-paper tape designed specifically for the critical paint masking processes used in the collision repair industry. It features a rubber-based adhesive and flexible crepe-paper construction for excellent conformability and adhesion. Yellow tape resists moisture, solvents and outdoor exposure. It leaves clean paint lines without buildup.

Conformable for Efficient Application

The crepe-paper backing on 3M™ Automotive Refinish Masking Tape 388N offers good conformability, so you can stretch and manipulate the tape to fit curves and contours without tearing. The thin and flexible backing heightens the ability of the tape to conform and produce sharp, clean paint lines.



Designed specifically for the critical paint masking processes used in the collision repair industry

Moisture-Resistant Tape Sticks and Stays

The proprietary rubber-based adhesive delivers instant adhesion to a variety of automotive substrates including moldings, plastic, glass, metal, rubber and painted surfaces. Designed to withstand outdoor exposure, this tape is specially-treated for solvent and moisture resistance which minimizes bleed through. Given its ability to stick right away, 388N allows for fast and efficient application.

3M™ Automotive Refinish Masking Tape 388N is the result of a revolutionary manufacturing process, eliminating the use of solvents. 3M is recognized worldwide for its success in sustainable practices. This is a part of the continual investment in premier technologies to meet the needs of future generations.

Clean, Fast Removal without Adhesive Residue

The 3M™ engineer Automotive Refinish Masking Tape to meet today's paint technicians' requirements for masking before painting. This tape can resist temperatures up to 250°F (121°C) for up to 30 minutes. Once you're done painting, the tape removes cleanly and easily, in one piece — leaving behind no adhesive residue. 3M™ Automotive Refinish Masking Tape helps create smooth and precise paint jobs.

Suggested Applications

- Professional collision repair
- Paint masking on cars, trucks and other speciality vehicles.

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