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**Technical Data Sheet 06652**

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**Public**

**Rev:3**

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**Status: Active**

## **3M™ Automotive Refinish Masking Tape**

### **Data Sheet**

<b>3M Part No.(s)</b>	<b>3M Part Descriptor (s)</b>
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**

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

#### **Typical Physical Properties**

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

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**Product Uses**

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

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**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

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**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.

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**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.

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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.

**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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#### For Additional Health and Safety Information

3M Automotive Aftermarket Division

3M Center, Building 223-6N-01

Saint Paul, MN 55144-1000

1-877-666-2277 (1-877-MMM-CARS)

Material Safety Data Sheets and Technical Data Sheets are also available by calling Fax on Demand 1-800-305-0419.

Help Line 1-800-621-5455 (US) 1-650-596-4407 (International).

#### 3M Fax on Demand /MSDS Identification Number

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