



# Performance Masking Tape

## 233+

### Technical Data

|                             |  |          |       |                      |
|-----------------------------|--|----------|-------|----------------------|
| <b>Product Description</b>  | A high performance crepe paper masking tape for most paint masking applications. |          |       |                      |
| <b>Product Construction</b> | Backing  | Adhesive | Color | Standard Roll Length |
|                             | Smooth crepe paper with a solvent resistant saturant                             | Rubber   | Green | 55m (60.17 yds.)     |

**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.

|                        |  | <b>ASTM Test Method</b> |
|------------------------|--|-------------------------|
| Adhesion to Steel:     | 38 oz./in. width (41 N/100mm)            | D-3330                  |
| Tensile Strength:      | 25 lbs./in. width (438 N/100mm)          | D-3759                  |
| Elongation at Break:   | 10%                                      | D-3759                  |
| Tape Thickness:        | 6.7 mils (0.17mm)                        | D-3652                  |
| Temperature Use Range: | Up to 250°F (121°C) for up to 30 minutes |                         |

- General Information**
- Removes cleanly when subject to temperatures up to 250°F (121°C) for up to 30 minutes
  - The heat and solvent resistance will provide excellent performance in most paint masking applications
  - Provides a balanced construction for applications where clean removal and conformability are critical requirements
  - Excellent transfer resistance to “difficult to remove from” surfaces like EPDM rubber moldings
  - Tape 233+ is better than most conventional masking tapes for sunlight resistance. However, it is still advised that it not be subjected to outdoor exposure or prolonged periods of sunlight. The tape may become difficult to remove.
  - Manufactured in an ISO 9002 registered plant to meet worldwide quality standards

**Shelf Life**      To obtain best performance, use this product within 12 months from date of manufacture and store under normal conditions of 70°F (21°C) and 50% R.H. in the original carton.

- Application Ideas**
- Excellent paint masking tape
  - Can be used for a variety of holding, bundling, protecting and a vast number of other difficult jobs where a pressure-sensitive tape is needed

| <b>Features</b> | <b>Features</b>      | <b>Advantages</b>            | <b>Benefits</b>  |
|-----------------|----------------------|------------------------------|--|
|                 | Proprietary adhesive | Instant adhesion             | Sticks easily/allows fast application                                      |
|                 |                      | Good holding power           | Resists lifting/curling  |
|                 |                      | Adhesive transfer resistance | Clean removal/helps minimize labor required to remove transferred adhesive |

| <b>Features (cont.)</b> | <b>Features</b>    | <b>Advantages</b>   | <b>Benefits</b>           |
|-------------------------|--------------------|---------------------|---------------------------|
|                         | Bright green color | Improved visibility | Assists in improving edge |

# Scotch® Performance Masking Tape

233+

page 2 of 2

|                                |                                |  |
|--------------------------------|--------------------------------|--|
| Controlled crepe paper backing | Smoothness                     | alignment<br>Good surface contact/provides secure holding        |
|                                | Thin                           | Sharp paint line/quality paint job                               |
|                                | Dead stretch                   | Resists recover  |
|                                | Improved conformability        | Easy handling/allows fast application                            |
| Backing saturant               | Solvent and moisture resistant | Minimizes bleed-through and rework                               |
| Special backsize treatment     | Controlled unwind              | Easy to use/helps reduce waste                                   |
| Unique components              | Balanced construction          | Excellent versatility/efficient tool – helps save time and money |

---

**Technical Information and Data** The technical information and data, recommendations, and other statements provided in this document are based on tests or experience which 3M believes to be reliable, but the accuracy or completeness of such information is not guaranteed.

---

**Product Use** Please remember that many factors can affect the use and performance of a 3M product in a particular application. The materials to be used with the 3M product, the surface preparation of those materials, the product selected for use, the conditions in which the product is used, and the time and environmental conditions in which the product is expected to perform are among the many factors that can affect the use and performance of a 3M product. Given the variety of factors that can affect the use and performance of a 3M product, some of which are uniquely within the user's knowledge and control, it is essential that the user evaluate the 3M product to determine whether it is fit for a particular purpose and suitable for the user's method of application.

---

**Limited Warranty and Limited Remedy** The 3M product will be free from defects in material and manufacture for a period of one (1) year from the date of manufacture. 3M MAKES NO OTHER WARRANTIES, EXPRESS OR IMPLIED, INCLUDING, BUT NOT LIMITED TO, ANY IMPLIED WARRANTY OF MERCHANTABILITY OR FITNESS FOR A PARTICULAR PURPOSE OR ANY IMPLIED WARRANTY ARISING OUT OF A COURSE OF DEALING, CUSTOM, OR USAGE OF TRADE. User is responsible for determining whether the 3M product is fit for a particular purpose and suitable for user's method of application. If the 3M product is defective within the warranty period stated above, YOUR EXCLUSIVE REMEDY AND 3M'S SOLE OBLIGATION SHALL BE, AT 3M'S OPTION, TO REPLACE OR REPAIR THE 3M PRODUCT OR REFUND THE PURCHASE PRICE OF THE 3M PRODUCT.

---

**Limitation of Liability** Except where prohibited by law, 3M will not be liable for any loss or damage arising from the 3M product, whether direct, indirect, special, incidental, or consequential, regardless of the legal theory asserted, including, but not limited to, contract, warranty, negligence, or strict liability.



This Industrial Tape and Specialties Division product was manufactured under a 3M quality system registered to ISO 9002 standards.



## Industrial Tape and Specialties Division

3M Center, Building 220-7W-03  
St. Paul, MN 55144-1000  
1 800 362 3550  
1 800 223 7427 Fax on Demand  
www.3M.com/industrialtape

© 3M 2002  
All rights reserved.

70-0709-4841-2  
July/17/2002