



# General Purpose Masking Tape

## 234

FOD# 1575  
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### Technical Data

January 1, 1999

*Supersedes September 1, 1998*

|                                    |   |   |
|------------------------------------|---|---|
| <b>Product Description</b>         | A general purpose paper masking tape designed to be used in the medium temperature paint bake operation.  |   |
| <b>Product Construction</b>        | Backing: A smooth crepe paper treated with a heat and solvent resistant saturant.<br>Adhesive: A rubber adhesive designed as an ideal balance of properties for general purpose use.<br>Color: Tan<br>Standard Roll Length: 60 yds. (54.8m)   |   |
| <b>Typical Physical Properties</b> | <b>Note:</b> 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:  | 37 oz./in. width (41 N/100mm) <span style="float: right;">D-3330</span>   |
|                                    | Tensile Strength:   | 25 lbs./in. width (438 N/100mm) <span style="float: right;">D-3759</span> |
|                                    | Elongation at Break:  | 8% <span style="float: right;">D-3759</span>                              |
|                                    | Tape Thickness:   | 5.4 mils (0.14mm) <span style="float: right;">D-3652</span>               |
|                                    | Temperature Use Range:  | Up to 250°F (121°C) for one hour, removes cleanly                         |
| <b>General Information</b>         | <ol style="list-style-type: none"> <li>The heat resistance of Tape 234 will allow it to function satisfactorily during bake cycles at 250°F (121°C) for up to one hour.</li> <li>Tape 234 should not be subjected to outdoor exposure or prolonged periods of sunlight exposure. Tape may become very difficult to remove.</li> <li>Tape 234 can be qualified for PPP-T-42C, Type I (CID-A-A-883A).</li> <li>Tape 234 is manufactured in an ISO 9002 registered plant to meet worldwide quality standards.</li> </ol> |   |
| <b>Shelf Life</b>                  | To obtain best performance, use this product within one year from date of manufacture and store under normal conditions of 70°F (21°C) and 50% R.H. in the original carton.   |   |

**Possible Uses**                      Tape 234 is used throughout industry for holding, bundling, sealing, non-critical masking and a vast number of other jobs where a pressure-sensitive tape is needed.

| <b>Features</b> | <b>FEATURES</b>                | <b>ADVANTAGES</b>               | <b>BENEFITS</b>                                |
|-----------------|--------------------------------|---------------------------------|--|
|                 | Rubber adhesive                | Instant adhesion                | Sticks easily/helps reduce labor               |
|                 |                                | Good holding power              | Resists lifting or curling/helps reduce rework |
|                 | Controlled crepe paper backing | Smoothness                      | Good surface contact/gives secure holding      |
|                 |                                | Conformability                  | Easy handling/helps reduce time involved       |
|                 | Backing saturant               | Solvent and moisture resistance | Minimal bleed-through/helps reduce rework      |
|                 |                                | Easy tear                       | Easy to handle/helps reduce rework             |
|                 | Special backsize treatment     | Controlled unwind               | Easy to use/helps reduce waste                 |

**Technical Information and Data**                      The technical information and data, recommendations, and other statements provided 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 bonded with the 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.

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



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