

# 3M

## Masking Tape

### 203

Technical Data

December, 2007

|                             |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  |                                         |         |                      |
|-----------------------------|----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|-----------------------------------------|---------|----------------------|
| Product Description         | 3M™ Masking Tape 203 is a general purpose masking tape that can be used for holding, bundling, sealing and a vast number of other jobs where a pressure-sensitive tape is needed.                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                |                                         |         |                      |
| Product Construction        | Backing                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          | Adhesive                                | Color   | Standard Roll Length |
|                             | Crepe paper                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      | Rubber                                  | Natural | 55 m (60 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.                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                       |                                         |         |                      |
|                             |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  |                                         |         | ASTM Test Method     |
|                             | Adhesion to Steel:                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                               | 28 oz./in. width (31 N/100 mm width)    |         | D-3330               |
|                             | Tensile Strength:                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                | 22 lbs./in. width (385 N/100 mm width)  |         | D-3759               |
|                             | Elongation at Break:                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                             | 8%                                      |         | D-3759               |
|                             | Tape Thickness:                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  | 4.7 mils (0.12 mm)                      |         | D-3652               |
|                             | Temperature Use Range:                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                           | Up to 200°F (93°C) for up to 30 minutes |         |                      |
| Features                    | <ul style="list-style-type: none"><li>• Tape has been tested and found to meet the requirements of ASTM D 6123 / D 6123M-97. 3M does not test each lot for compliance to this specification.</li><li>• Rubber adhesive provides good instant adhesion that sticks to a wide variety of surfaces and reduces time and effort needed for rub down.</li><li>• Good holding power to help resist lifting or curling.</li><li>• Crepe paper backing that is conformable to maintain integrity when formed around a corner.</li><li>• Backing resists slivering yet exhibits easy, hand tearability.</li><li>• Backsize treatment provides easy, controlled unwind.</li><li>• Good paint hold-out that resists bleed-through.</li><li>• Tape may become very difficult to remove if subjected to prolonged outdoor exposure.</li></ul> |                                         |         |                      |
| Application Ideas           | <ul style="list-style-type: none"><li>• Holding and bundling for a wide variety of materials.</li><li>• General paint masking.</li><li>• Sealing and wrapping applications where a pressure-sensitive tape is needed.</li></ul>                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  |                                         |         |                      |

# 3M™ Masking Tape

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| <b>Storage</b>                     | Store under normal conditions of 70°F (21°C) and 50% R.H. in the original carton.                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                        |
| <b>Shelf Life</b>                  | To obtain best performance, use this product within one year from date of manufacture.                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                   |
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ISO 9001:2000

This Industrial Adhesives and Tapes Division product was manufactured under a 3M quality system registered to ISO 9001:2000 standards.



## Industrial Adhesives and Tapes Division

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