



# 202 Masking Tape

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## Product Data Sheet

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Updated : March 1996  
Supersedes : October 1993

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### Product Description

A natural coloured creped paper for general use coated with a rubber resin adhesive to give high quality performance in most masking situations.

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### Physical Properties

Not for specification purposes

<b>Adhesive Type</b>	Rubber-resin	
<b>Backing</b>	Creped paper.	
<b>Thickness</b> (ASTM D-3652)	178 µm	
<b>Tape Colour</b>	Natural	
<b>Shelf Life</b>	12 months from date of despatch by 3M when stored in the original carton at 21°C (70°F) & 50 % Relative Humidity	

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### Performance

#### Characteristics

Not for specification purposes

<b>Adhesion to Stainless Steel</b> <small>ASTM D-3330</small>	4.4 N/10mm	
<b>Tensile Strength</b> <small>ASTM D-3759</small>	35.0 N/10mm	
<b>Elongation at Break</b> <small>ASTM D-3759</small>	10.0 %	
<b>Temperature Range</b> Maximum	95 °C	

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<b>Additional Product Information</b>	Tape 202 can generally be used at bake temperatures up to 95°C for a period of one hour.	Tape 202 should not be subjected to outdoor exposure.
<b>Application Techniques</b>	<p>1. Bond strength is dependent upon the amount of adhesive-to-surface contact developed. Firm application pressure develops better adhesive contact &amp; thus improves bond strength.</p> <p>2. To obtain optimum adhesion, the bonding</p>	<p>surfaces must be clean dry and well unified. A typical surface cleaning solvent is isopropyl alcohol &amp; water. Use proper safety precautions for handling solvents.</p> <p>3. Ideal tape application temperature range is 21°C to 38°C (70°F to 100°F).</p> <p>Initial tape application to surfaces at temperatures below 10°C (50°F) is not recommended because the adhesive becomes too firm to adhere readily. However once properly applied low temperature holding is generally satisfactory.</p>
<b>Applications</b>	Tape 202 can be used throughout industry for many general purpose masking applications.	It excels at paint masking and can be used for bundling, protecting or any other similar job.

<b>Features</b>	<b>Advantages</b>	<b>Benefits</b>
Blended rubber resin adhesive.	Instant adhesion. Good holding power.	Sticks easier/less labour. Resists lifting or curling/less rework
Controlled crepe paper backing.	Conformability.	Easier handling/less involved.
Backing saturant.	Solvent and moisture resistance.	Less bleed through/less rework.
Exclusive backsize treatment.	Easy tear. Controlled unwind.	Better handling/less waste. Easier to use/less waste.

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Values presented have been determined by standard test methods and are average values not to be used for specification purposes. Our recommendations on the use of our products are based on tests believed to be reliable but we would ask that you conduct your own tests to determine their suitability for your applications. This is because 3M cannot accept any responsibility or liability direct or consequential for loss or damage caused as a result of our recommendations.



#### Specialty Tapes & Adhesives

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