



# 80°C - Paper Masking Tape 2321

## Product Data Sheet

Date: February 2012  
Supersedes: April 1997

### Product Description

3M Paper Masking Tape 2321 is a chamois coloured crepe paper coated with a cross linked rubber resin adhesive.

### Key Features

Reliable in low temperature bake cycles of up to 80°C  
Suitable for Infrared / UV curing.  
Good solvent and moisture resistance.  
Crepe paper backing for conformability that will maintain integrity when formed around corners.  
Backing saturated for easy tear – resists slivering yet hand tearable.  
Rubber adhesive with instant adhesion.  
Good holding power that resists lifting or curling and helps reduce rework.  
Special backsize treatment controls unwind and helps reduce waste.  
Designed for indoor use only. Tape should not be subjected to outdoor exposure or prolonged periods of sunlight as product may become very difficult to remove.

### Physical Properties

|                         |              |
|-------------------------|--------------|
| Adhesive Type           | Rubber resin |
| Backing Type            | Crepe Paper  |
| Tape Colour             | Chamois      |
| Thickness<br>AFERA 5006 | 0.134 mm     |

### Performance Characteristics

|                                           |                 |
|-------------------------------------------|-----------------|
| Adhesion to Stainless Steel<br>AFERA 5001 | 7.8 N/25mm      |
| Tensile Strength<br>AFERA 5004            | 80.4 N/25mm     |
| Elongation at break                       | 10.1%           |
| Temperature Range                         | 80°C for 1 hour |

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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>                | 3M 2321 has a shelf life of 12 months from date of manufacture when stored in the original carton at 21°C (70°F) & 50 % Relative Humidity                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                              |
| <b>Precautionary Information</b> | Refer to product label and Material Safety Data Sheet for health and safety information before using the product.<br>For information please contact your local 3M Office.<br><a href="http://www.3M.com">www.3M.com</a>                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                |
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