



# 1104 Low Adhesion Masking Tape

---

## Product Data Sheet

---

Updated : July 2001  
Supersedes : March 1996

---

**Product Description**      Specially designed for those applications where a less aggressive adhesive is important,      This tape can be used for most painting applications and will remove cleanly at baking temperatures of 120°C for 45 minutes.      It also removes cleanly from critical surfaces like anodised aluminium or draughting paper.

---

**Physical Properties**  
Not for specification purposes

<b>Adhesive Type</b>	Specially formulated Rubber-resin	
<b>Backing</b>	Normal creped paper specially saturated	
<b>Thickness</b> (ASTM D-3652)	147 µm	
<b>Tape Colour</b>	Chamois	
<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	

---

**Performance Characteristics**  
Not for specification purposes

<b>Adhesion to Stainless Steel</b> ASTM D-3330	2.0 N/10mm	
<b>Tensile Strength</b> ASTM D-3759	34 N/10mm	
<b>Elongation at Break</b> ASTM D-3759	10 %	
<b>Maximum Operating Temperature</b>	135°C	

Date : July 2001  
1104 Low Adhesion Masking  
Tape

<b>Additional Product Information</b>	Strong and conformable Masking Tape with low adhesion and low tack for special applications where tape has to be applied to critical surfaces.	Temperature performance allows baking of masked surface for paint curing or other processes and removal afterwards without adhesive transfer.
	Special saturation provides good paint adhesion on backside without paint flaking or bleed through.	1104 is not designed for outdoor use or for long periods of sunlight exposure.
<b>Application Techniques</b>	Best results are attained when applied to a clean, dry and non dusty surface above 0°C.	To improve adhesion ensure firm and even application pressure is applied.
<b>Applications</b>	1104 is designed for masking or fixing on critical surfaces like lacquer,	anodised metals, wallpaper, draughting paper etc. and for removal without damage to the surface substrate.

<b>Features</b>	<b>Advantages</b>	<b>Benefits</b>
Creped specially saturated paper backing.	Thin flexible, good conformability.	Easy to apply. Conforms to structured surfaces.
Specially tacked controlled adhesive.	Adequate adhesion, low tack, no adhesion build-up over time.	No paint or solvent bleed through. Easy to reposition, good removability without adhesive transfer.
		Removes well from critical surfaces.

**Specifications** 1104 is approved to BS4J11.

3M is a trademark of the 3M Company.

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.



#### Tapes & Adhesives Group

© 3M United Kingdom PLC 2000

3M United Kingdom PLC  
3M House, PO Box 1,  
Market Place,  
Bracknell, Berkshire,  
RG12 1JU

Product Information :  
Tel 0870 60 800 50  
Fax 0870 60 700 99

3M Ireland  
3M House, Adelphi Centre,  
Upper Georges Street,  
Dun Laoghaire, Co. Dublin,  
Ireland

Customer Service :  
Tel (01) 280 3555  
Fax (01) 280 3509