



9084 Non-woven Double Coated Tape

Product Data Sheet

New: April 2004

Product Description 9084 is a double coated acrylic adhesive on a non-woven tissue carrier. It has a very high level of initial tack and good adhesion to a wide variety of materials.

Physical Properties
Not for specification purposes

Adhesive Type	Acrylic	
Carrier	Non-woven tissue	
Thickness (ASTM D-3652)		
Tape	0.100 mm (100µm)	
Liner	0.075mm (70µm)	
Total	0.170mm (170µm)	
Release Liner	Buff Siliconised Paper	
Tape Colour	Neutral	
Shelf Life	24 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

Adhesion to Stainless Steel ASTM D 3330	8.0 N/cm	
Temperature Performance Max : Minutes / Hours Max : Days / Weeks Minimum	80°C 65°C -30°C	
Solvent Resistance	Good	

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Application Techniques	<p>1. Bond strength is dependent upon the amount of adhesive-to-surface contact developed. Firm application pressure develops better adhesive contact & thus improves bond strength.</p>	<p>2. To obtain optimum adhesion, the bonding surfaces must be clean dry and well unified. A typical surface cleaning solvent is isopropyl alcohol & 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). 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>
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Applications	<p>9084 is well suited to bonding to wide variety of materials, such as papers, paints, and many plastics and fabrics. It is particularly suitable for temporary holding or use as a jiggling aid.</p>	<p>For applications that require constant high levels of shear load and environmental performance then 3M 9086 , 9087 or 9088 should be evaluated in preference to 9084. Datasheets for these products are available from 3M.</p>
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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.



Tapes & Adhesives

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