



9570 Double Coated Tape

Product Data Sheet

Updated : March 1996
Supersedes : January 1994

Product Description

A light-weight tissue coated on both sides with high tack acrylic adhesive with good heat resistance on an easy-release liner.

9570 offers instant adhesion to a wide variety of paper stocks and other low energy surfaces and displays good shear resistance.

Physical Properties

Not for specification purposes

Adhesive Type	Acrylic	3M ref :
Carrier	Tissue Paper	
Thickness (ASTM D-3652) Tape Liner Total	70 µm 2.8 Thou 100 µm 170 µm	
Release Liner	Buff Paper	
Tape Colour	White	
Shelf Life	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

Adhesion to Stainless Steel AFERA 4001	3.5 N/10mm	
Shear Resistance	Good	
Temperature Performance Max : Minutes / Hours Max : Days / Weeks Minimum	180 to 200°C 120°C -30°C	
Solvent Resistance	Good	
UV Light Resistance	Good	

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Application Techniques	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.	surfaces must be clean dry and well unified. A typical surface cleaning solvent is isopropyl alcohol. Use proper safety precautions for handling solvents.	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.
	2. To obtain optimum adhesion, the bonding	3. Ideal tape application temperature range is 21°C to 38°C (70°F to 100°F).	

Applications	Web splicing (papers, foil, film and fabrics).	Miscellaneous joining and holding where high initial adhesion easy liner release and long ageing bond is required.
	Core Starting.	
	Sail making.	

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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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