



Scotch-Mount™

9529 Double Coated Foam Tape

Product Data Sheet

Updated : July 2001
Supersedes : November 1993

Product Description

R-40 is a medium-firm rubber resin pressure sensitive adhesive system. It features good holding power, good high temperature and solvent

resistance and adhesion to a wide variety of surfaces including low surface energy plastics such as polyethylene and polypropylene.

Physical Properties

Not for specification purposes

Adhesive Type	Medium-Firm Rubber Resin	3M ref : R-40
Foam Core	Polyethylene Foam	Foam Density 70 kg/m ³
Thickness (ASTM D-3652) Tape Liner Total	1.50 mm 0.10 mm 1.60 mm	
Release Liner	White 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

Temperature Performance (°C) (Minutes/Hours) (Days/Weeks)	75 °C 50 °C	
Static Shear Strength weight held for 100 hours to stainless steel with ½ sq in (3.23 sq cm) overlap	250g at 20°C	
Normal Tensile (T-Block) to Aluminium at room temp, 6.45 sq cm, jaw speed 50 mm/min	48 N/cm ²	
Solvent Resistance	Not Recommended	
UV Light Resistance	Not recommended for direct exposure to sunlight or other sources of ultra-violet light.	

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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. 2. To obtain optimum adhesion, the bonding	surfaces must be clean dry and well unified. A typical surface cleaning solvent is isopropyl alcohol. Use proper safety precautions for handling solvents. 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.
Applications	Splicing of paper foil or film. Mounting of posters or display items.	Mounting of plastic nameplates and parts. Manufacture of sample cards.	

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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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