



9308 Double Coated Tape

Product Data Sheet

Updated : November 1993
Supersedes : All Previous

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
Carrier	UPVC	
Thickness (ASTM D-3652) Tape Liner Total	88 µm 3.6 Thou 100 µm 188 µm	
Release Liner	White Paper	
Tape Colour	Clear	
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 ASTM D-3330	3.8 N/10mm	
Shear Resistance	Very Good	
Temperature Performance Max : Minutes / Hours Max : Days / Weeks Minimum	75 °C 50 °C 0 °C	
Solvent Resistance	Medium	
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.	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	Splicing of paper foil or film.	Mounting of plastic nameplates and parts.	Holding objects where high shear forces are encountered. e.g. Carton crease. Tooling or Milling.
	Mounting of posters or display items.	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.



Specialty Tapes & Adhesives

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3M United Kingdom PLC
3M House,
28 Great Jackson Street,
Manchester,
M15 4PA

Customer Service :

Tel 0161 236 8500
Fax 0161 237 1105

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

Customer Service :

Tel (01) 280 3555
Fax (01) 280 3509