



Scotch-Mount™

Double Coated Polyethylene Foam Tape 9546

Product Data Sheet

Updated : August 2001

Supersedes : New

Product Description

Polyethylene foam coated on both sides with a modified Acrylate pressure sensitive adhesive.

Physical Properties

Not for specification purposes

Adhesive Type	Modified Acrylate
Foam Core	Closed cell Polyethylene Foam
Thickness	1.15 mm
Release Liner	Siliconised white paper
Density	67 kg/m ³
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

180° Peel Adhesion to stainless steel (FINAT-TM1) One side reinforced with PET Film. 20 min dwell 24 hours dwell	18 N/25mm* 18 N/25mm* Cohesive Failure
Static Shear on Stainless Steel (FINAT-TM8) One side reinforced with PET Film. At 23°C At 70°C	> 150 hours > 30 minutes
Temperature Performance	-40°C to +80°C (Short Term 90°C)

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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.

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

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