



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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