



# Scotch-Mount™

## 4430 Double Coated Foam Tape

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### Product Data Sheet

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Updated : October 1993  
Supersedes :

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#### Product Description

4430 is a white double coated synthetic foam tape with a high tack acrylic adhesive. This tape has a plain white paper liner.

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#### Physical Properties

Not for specification purposes

|                                |  |  |
|--------------------------------|--|--|
| <b>Adhesive Type</b>           | Acrylic  | <b>3M ref :</b>                              |
| <b>Foam Core</b>               | Synthetic  | <b>Foam Density</b><br>560 kg/m <sup>3</sup> |
| <b>Thickness</b> (ASTM D-3652) |  |  |
| Tape                           | 0.8 mm ± 0.1mm   |  |
| <b>Release Liner</b>           | White Paper  |  |
| <b>Tape Colour</b>             | White  |  |
| <b>Shelf Life</b>              | 12 months from date of despatch by 3M when stored in the original carton at 21°C (70°F) & 50 % Relative Humidity |  |

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#### Performance

##### Characteristics

Not for specification purposes

|   |                             |  |
|---|-----------------------------|--|
| <b>Peel Adhesion to Stainless Steel</b><br>90° peel @ room temp, 72 hr dwell,<br>jaw speed 300mm/min              | 20 N/10mm                   |  |
| <b>Static Shear Strength</b><br>weight held for 100 hours to stainless steel<br>with ½ sq in (3.23 sq cm) overlap | 1000g @ 20°C<br>500g @ 70°C |  |
| <b>Temperature Performance</b><br>Continuous  | 70 °C                       |  |
| Intermittent  | 100 °C                      |  |

Date : October 1993  
4430 Double Coated Foam  
Tape

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### Additional Product Information

This product is suitable for plasticised PVC BUT IS NOT SUITABLE FOR LOW SURFACE ENERGY PLASTICS.

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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 & water. 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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### Applications

Bonding cable trunking within cabinets or on furniture.

Point of sale bonding applications using board, paper and most plastics.

Signing applications - low performance.

Furniture trim bonding.

Cable clips & air freshener, bonding.

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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.



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