

AMF32

1/32" WHITE POLYETHYLENE DOUBLE COATED MEDICAL FOAM TAPE

PRODUCT DESCRIPTION

Double Coated Tape

AMF32 is a 1/32" thick white closed cell, crosslinked polyethylene foam coated on both sides with a high performance medical grade acrylic adhesive designed for skin contact. AMF32 provides a reliable bond for mounting electrodes, grounding pads, and other skin contact medical devices.

FEATURES & BENEFITS

- Provides a strong, moisture resistant bond
- Adheres well to skin for up to 48 hours
- Easily die cut
- Highly conformable and does not lift under stress
- Medical grade acrylic adhesive passes Primary Skin Irritation (index 0.0) per ISO 10993-10
- Medical grade acrylic adhesive passes Cytotoxicity (score 0) per ISO 10993-5

PRODUCT CONSTRUCTION



PRODUCT SPECIFICATIONS

| Test | Typical Value | | Typical Value (Metric) | | Test Method |
|-----------------------------------|---------------|---------------|------------------------|---------------|-------------|
| Product Thickness (Total) | 34.85 | mils | 0.885 | mm | PSTC-133 |
| Adhesive Thickness (Liner Side) | 1.80 | mils | 0.046 | mm | PSTC-133 |
| Carrier Thickness | 31.25 | mils | 0.794 | mm | PSTC-133 |
| Adhesive Thickness (Exposed Side) | 1.80 | mils | 0.046 | mm | PSTC-133 |
| Peel Adhesion | 120 | oz/in | 33.34 | N/25mm | PSTC-101 |
| Tack | 32 | oz | 907 | g | ASTM D 2979 |
| Shear Adhesion | >48 | hrs @ 2.2 psi | >48 | hrs @15.2 kPa | PSTC-107 |
| Tensile Strength | 6.25 | lb/in | 27 | N/25mm | PSTC-131 |
| Elongation | 230 | % | 230 | % | |
| Minimum Service Temperature | -40 | °F | -40 | °C | |
| Maximum Service Temperature | 180 | °F | 82 | °C | |

Tested values are typical under standard conditions and are not intended to be used for specification development. Technical data is believed to be true and accurate; Adhesive Applications recommends that the purchaser test for performance and fitness of use in all applications.

Adhesive Applications - The Adhesive Solutions Company

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