

3M™ Acrylic Foam Tape 5404

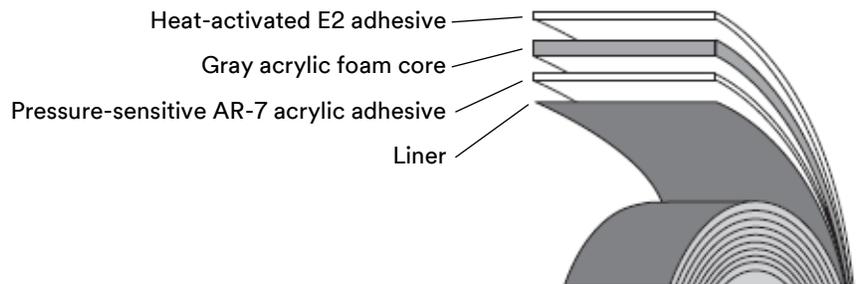
Technical Data Sheet



Description

3M™ Acrylic Foam Tape 5404 is a 1.2 mm thick, medium-density, gray acrylic foam tape constructed with two different adhesives. The heat-activated adhesive forms an immediate, consistent and durable bond to most EPDM formulations and Santoprene® materials. The pressure-sensitive adhesive is characterized by high adhesion and holding strength to many surfaces, including automotive paints and metals. This tape has good conformability and is used to attach weatherstrip and/or gasket seals for automotive and industrial applications.

Product Construction



Physical Properties

Values shown are typical values not to be used for specification purposes.

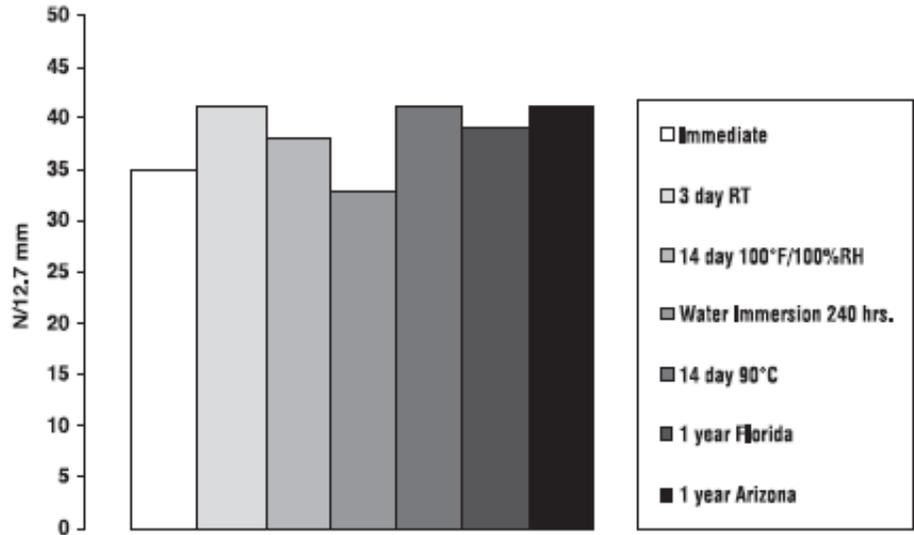
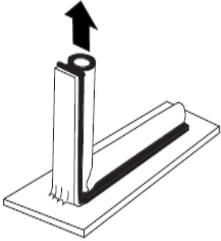
| 5404 | |
|-----------------------------------|--|
| Thickness Range (excluding liner) | 1.20 mm ± 0.10 mm (0.047 inch ± 0.004 inch) |
| Density Range (excluding liner) | 690 kg/m ³ ± 65 kg/m ³ (43 lb/ft ³ ± 4 lb/ft ³) |
| Tabbing | 3M™ Tabbing Tape 5400 |

Performance Properties

3M Acrylic Foam Tape 5404 has excellent initial adhesion at assembly and long-term adhesion over all environmental conditions during vehicle life.

90° Peel Adhesion

Typical performance of 3M™ Acrylic Foam Tape 5404 is shown below. Peel values depend on the composition and cross-section of a particular weatherstrip. These values are for reference only.



Shelf Life

36 months from date of manufacture when stored at 4°C–38°C (40°F–100°F) and 0–95% relative humidity (RH). The optimum storage conditions are 22°C (72°F) and 50% relative humidity.

Regulatory Information

IMDS# 336083. This is a published material entry on www.mdssystem.com.

Contact Information

The information provided in this technical document is intended as a guide for this product. For more information or help in selecting a 3M product for an application, please contact your 3M application engineer or call product application support at 1-800-328-1684.

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