



# Acrylic Foam Tape 5567

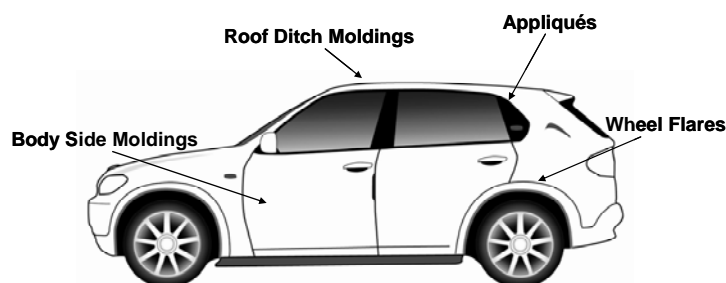
Technical Data Sheet

November 2008

Supersedes Technical Data Sheet dated May 1998

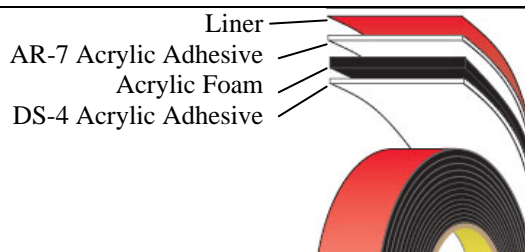
**General Description** 3M™ Acrylic Foam Tape (AFT) 5567 is a gray, double-coated acrylic foam tape used for the attachment of a variety of automotive exterior trim parts. 3M AFT 5567 is thicker than other acrylic foam tapes and is used where there is greater mismatch between the trim part and the sheet metal of the vehicle. The acrylic foam core has unique viscoelastic properties that allow it to elongate and relax when put under a load, minimizing stress on the adhesive bond line. 3M AFT 5567 has AR-7 adhesive on the liner side of the product for bonding to automotive paint surfaces, and DS-4 on the non-liner side of the product for bonding to the exterior trim part.

## Applications



**Shelf Life** One year from date of receipt by customer when stored at 22°C (72°F) and 50% relative humidity.

## Product Construction



## Physical Properties

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

Thickness	1.52 mm (±0.15 mm) (0.060 in ±0.006 in)
Density	688 kg/m <sup>3</sup> (±80 kg/m <sup>3</sup> ) (43 lb/ft <sup>3</sup> ±5 lb/ft <sup>3</sup> )

## Roll Width and Length (Planetary)

3M™ Acrylic Foam Tapes are available in the following standard widths. Millimeter widths rounded to the nearest whole numbers (7, 8, 9 mm . . .) and 1/8 inch increments starting with 1/4 inch (0.25, 0.375, 0.50, 0.625 inch . . .).

Minimum widths:  
4 mm Levelwound  
6 mm Planetary

Roll Width	Roll Width Tolerance	Roll Length (maximum)
Planetary Rolls		
6 - 9 mm (0.236 - 0.375 in)	+/- 0.38 mm (+/-0.015 in.)	66 meters (72 yards)
10 - 18 mm (0.394 - 0.709 in)	+/- 0.38 mm (+/-0.015 in.)	99 meters (108 yards)
> 18 mm (> 0.709 in.)	+/- 0.76 mm (+/- 0.030 in.)	99 meters (108 yards)
Levelwound Rolls		
4 - 16 mm (0.157 - 0.630 in.)	+/- 0.38 mm (+/-0.015 in.)	500 meters (547 yards)

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**Performance Properties** Performance tests are run using standard test procedures. These values presented are typical values not to be used for specification purposes.

## 1. Breakaway and Continuing Peel



72 hrs at 22°C (72°F)	Breakaway Peel	96 N/12.7 mm	(22 lbs/.5 in)
	Continuing Peel	46 N/12.7 mm	(10.5 lbs/.5 in)
72 hrs at 70°C (158°F)	Breakaway Peel	138 N/12.7 mm	(31 lbs/.5 in)
	Continuing Peel	57 N/12.7 mm	(13 lbs/.5 in)
72 hrs at 38°C /100% RH (100°F/100%RH)	Breakaway Peel	73 N/12.7 mm	(16 lbs/.5 in)
	Continuing Peel	41 N/12.7 mm	(9 lbs/.5 in)

Breakaway and continuing peel tests are run with 12.7 mm (0.5 in) wide tape on PVC test bars. Tests were run on base coat/clear coat paint at a separation rate of 305 mm/min (12 in/min).



## 2. Static Shear

Exceeds 100 hours at 70°C (158°F). Static shear tests are run with 12.7 mm (0.5 in) wide by 50.8 mm (2 in) long tape on PVC test bars, 6.8 kg (15 lbs) roll-down against stainless steel. Static weight is 250 gm (0.55 lbs).

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**Contact Information** The information provided in this technical document is intended as a guide for this product. For more information, and help selecting a 3M product for an application, please contact a 3M Technical Service Representative.

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