



# 5673F

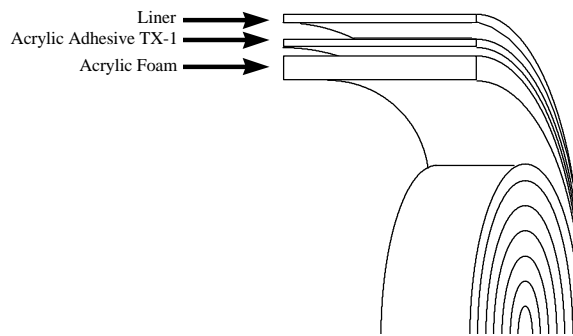
## 3M™ Acrylic Foam Tape

### Data Sheet

#### Description:

5673F is a medium density, dark grey 3M™ Acrylic Foam Tape laminated on one tape side with a special adhesive for low energy substrates. The tape is used to attach inserts or trim moldings to polypropylene surfaces like body side moldings or bumpers without any priming or pre-treatment. 5673F is characterised by very high peel adhesion to low energy surfaces, high internal strength, excellent long term performance as well as very high conformability to the taped substrates. A special property of the tape is the absorption of stress, which makes the bond very durable.

#### Construction:



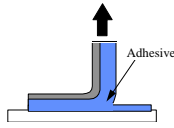
#### General Properties:

Core	Acrylic 1.1 mm thick, medium density (650 kg/m <sup>3</sup> ), visco-elastic acrylic foam.
Colour	dark grey
Thickness	1.1 mm, ± 0.15 mm
Liner	maroon Polyethylene (0.100 mm )
Shelf Life	12 months from date of receipt by customer when stored in original cartons at 20°C and at 50% relative humidity

## 5673F, 1.1 mm, dark grey

### Performance Properties:

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



Tested Properties	Results	
	TX-1 side	Selfstick side
Hifax SP179 3M TM 1637 20 min. at RT 72 h at RT	20 N/cm 38 N/cm	3 N/cm 4 N/cm
90°Peel Adhesion to stainless steel 3M TM 1637 20 min. at RT 72 h at RT	38 N/cm* 40 N/cm*	40 N/cm* 40 N/cm*
Static Shear to Polypropylene Hifax SP179 3M TM 1266-B Static shear tests are run with 25.4 mm by 12.7 mm wide tape.	Exceeds more than 10.000 min at 70°C Weight: 250 g	
Alu T-Peel 3M TM 1636	22 N/cm	

Remarks: \* Foam Split

### Acrylic Foam Tapes Characteristics:

Acrylic Foam Tape is manufactured using a unique process of producing a homogeneous system of high performance acrylic adhesive. The product can be used for numerous applications both on the exterior and interior of vehicles.

The unique visco-elastic nature of acrylic foam gives it a high cohesive strength combined with excellent shock and weathering resistance. Acrylic foam tape conforms to irregular surfaces and compensates for mismatch between bonded parts. The initial adhesion increases with time to provide a durable, high performance bond between the part and the painted substrate.

Acrylic foam tapes are specially formulated to match a wide range of automotive component materials and automotive paint surfaces. They have been utilised in the automotive industry for a number of years and have proven field performance in Japan and the United States as well as Europe.

### Additional Information:

This data sheet contains specific information about the product. General characteristics and application rules of acrylic foam tapes are available separately.

### Important notice to purchaser

All statements, technical information and recommendations herein are based on tests we believe to be reliable, but the accuracy or completeness thereof is not guaranteed. Please ensure before using our product that it is suitable for your intended use. All questions of liability relating to this product are governed by the Terms of Sale subject, where applicable, to the prevailing law.

# 3M

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