



5408

3M™ Acrylic Foam Tape

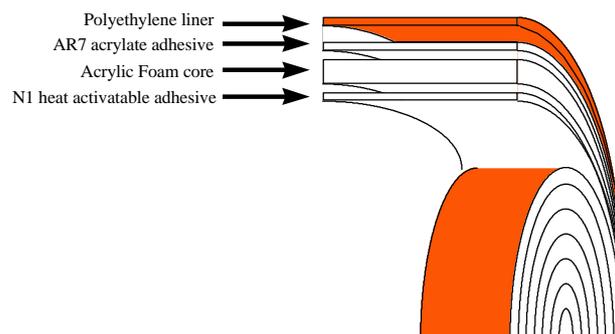
Data Sheet

General Description

3M's 5408 Acrylic Foam Tape is a high performance tape used to attach elastomeric parts such as body seals to car bodies.

The tape is characterized by its high adhesion to automobile surfaces. One side of the tape is attached to the car body through a pressure sensitive adhesive, the other side to the elastomeric part through heat-activation. The heat-activated adhesive guarantees a durable bond to Neoprene and PVC seals.

General Construction



Special Characteristics

Soft, dark grey, high performance tape with good stress relaxation and conformability. The acrylate adhesive provides high performance in conjunction with a wide variety of automotive paints. Product can be applied at 17°C and above.

General Properties

Core	soft, viscoelastic Acrylic Foam
Colour	grey
Product Thickness:	0.8 mm ± 0.1 mm
Adhesive to rubber (non-liner side)	heat-activatable adhesive for Neoprene and PVC
Adhesive to paint (liner side)	AR7 acrylate adhesive with high initial tack and high ultimate bond strength to automotive paints
Liner	orange PE film
Shelf life	12 months from date of receipt by customer when stored in original cartons at 20°C and at 50% relative humidity

Physical Properties 5408

Density	(kg/m ³)	650 ± 100	3M TM: 441a
Tape thickness without liner	(mm)	0.8 ± 0.1	3M TM: 405
Liner thickness	(mm)	0.1 ± 0.015	3M TM: 405
Roll width	(mm)	nominal ± 0.4	

Performance Properties (Typical Values)

90° PEEL adhesion test	3M TM: 1637	Dwell time 20 mins RT	Dwell time 72 hrs RT
- on Stainless steel	(N/cm)	27	31
- on 3M reference clearcoat	(N/cm)	24	26
after gasoline resistance test	(N/cm)	18	
after 10 cycles and 4 hours cond. at RT	(N/cm)	31	10 cycles of 4 hrs -40°C hrs +90°C, 16 hrs 38°C, 98% rel. h.
T- PEEL on Std. rubber	3M TM: 1636		
- after 24 hours RT	(N/cm)	18	
- after aging 3 weeks, 70°C	(N/cm)	22	

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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