

# 3M™ Acrylic Foam Tape 5608

## Technical Data Sheet

### Product Description

3M™ 5608 Acrylic Foam Tape is a high performance tape made of grey acrylic foam. The tape is especially qualified for attaching elastomeric parts such as seals to car bodies and doors. 5608 is characterised by its high adhesion to a variety of automobile surfaces. One side of the tape is attached to the painted surface or the respective substrate by a pressure sensitive adhesive. The other side is bonded to the elastomeric part through heat-activation. The heat-activated adhesive guarantees a durable bond, especially to seals made of EPDM and TPE Rubber. A good inner strength, brilliant long-term stability as well as very good conformability to the bonded surfaces are characteristic attributes of 5608.

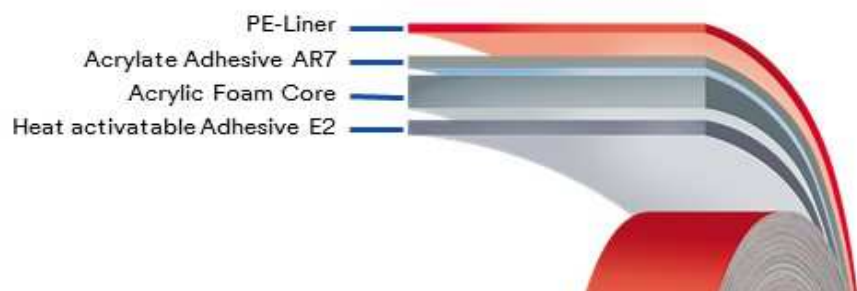
### Product Features

- Good adhesion to many automotive paints.
- Operating temperature up to 90°C.
- Optimized acrylate foam core for easy application and good adaptation to component surfaces.
- Temperature, weather, UV and solvent resistant.
- Suitable for all manual and automatic application processes.

### Advantages

- 3M™ Acrylic Foam Adhesive Tapes can compensate stress due to their unique viscoelasticity. In contrast to foam adhesive tapes (PE, PU adhesive tapes), they can cope with significant elongation differences between substrates in case of temperature changes.
- Easy to use: The tape can be easily processed in multiple ways to cut and to apply.
- Good initial adhesion: The initial adhesion allows immediate further processing often without temporary support or fixtures.
- Freedom of design: enables the easy differentiation of vehicle models through modified trim attachments without change of the body configuration.
- Sealing and damping properties: positive improvement of NVH properties.

### Product Construction



## Physical Properties

Typical Values	5608
Thickness	0.8 mm
90° Peel on 3M Reference Stainless Steel plates (Specification values have to be determined on customer substrate)	
20 min RT Liner Side (LS)	27 N/cm
72 h RT Liner Side (LS)	31 N/cm
Density	650 kg/m <sup>3</sup>
Core	3M™ Acrylic Foam Tape
Color	Gray
Liner	Orange polyethylene film.
Adhesive Liner Side (LS) and Non-Liner Side (NLS)	Non-liner side (NLS) (to rubber): E2 heat-activatable adhesive for EPDM and TPE. Liner Side (LS) (paint side): AR7 acrylate adhesive with high initial tack and high ultimate bond strength to a wide variety of clearcoat systems and substrates.
Shelf Life	24 months from date of receipt by customer when stored in unopened original carton at 4°C to 38°C and 0% to 95% relative humidity. Optimum storage conditions are 22°C and 50% relative humidity. Level-wound rolls should always be stored horizontally.
Temperature Resistance	-40°C to +90°C, short term 120°C (both values are load-dependent).
Tabbing	An extended liner tab is recommended. H Liner : 3M™ Heat-bonding tabbing 5081 - 5082.
Splices	Number of splices depends on order quantity and roll length. Level-wound rolls have 3-4 splices on average. Smaller order quantities (less than 400 m <sup>2</sup> ) rolls could contain a significantly different number of splices.
Regulatory Information	Please refer to the product label and Safety Data Sheet (SDS) for health and safety information before using. Observe proper handling precautions as outlined in the SDS, which is available on request or use <a href="http://www.3M.com/msds">www.3M.com/msds</a> . The product is published as material entry and is available for access on <a href="http://www.mdssystem.com">www.mdssystem.com</a> . For Product IMDS ID Number, email requests to <a href="mailto:3M-IMDSrequest@mmm.com">3M-IMDSrequest@mmm.com</a> . (In Germany use <a href="mailto:ge-produktsicherheit@mmm.com">ge-produktsicherheit@mmm.com</a> ).
IMDS	<a href="http://www.mdssystem.com/imsdnt/startpage/index.jsp">http://www.mdssystem.com/imsdnt/startpage/index.jsp</a>

Technical Information: The technical information, recommendations and other statements contained in this document are based upon tests or experience that 3M believes are reliable, but the accuracy or completeness of such information is not guaranteed and not for use in specifications.

Product Use: Many factors beyond 3M's control and uniquely within user's knowledge and control can affect the use and performance of a 3M product in a particular application. Given the variety of factors that can affect the use and performance of a 3M product, user is solely responsible for evaluating the 3M product and determining whether it is fit for a particular purpose and suitable for user's method of application.

Warranty, Limited Remedy, and Disclaimer: This 3M product is sold or made available "AS IS." 3M MAKES NO OTHER WARRANTIES OR CONDITIONS, EXPRESS OR IMPLIED, INCLUDING, BUT NOT LIMITED TO, ANY IMPLIED WARRANTY OR CONDITION OF MERCHANTABILITY OR FITNESS FOR A PARTICULAR PURPOSE OR ANY IMPLIED WARRANTY OR CONDITION ARISING OUT OF A COURSE OF DEALING, CUSTOM OR USAGE OF TRADE.

Limitation of Liability: Except where prohibited by law, 3M will not be liable for any loss or damage arising from the 3M product, whether direct, indirect, special, incidental or consequential, regardless of the legal theory asserted, including warranty, contract, negligence or strict liability.

5608 E\_10 (09/2018)

Revision 10



3M Deutschland GmbH  
Automotive & Aerospace  
Solution Division  
Carl-Schurz-Strasse-1  
D-41453 Neuss  
Tel. +49-2131-14-3580  
[www.3M-Automotive.de](http://www.3M-Automotive.de)

3M Österreich GmbH  
Automotive & Aerospace  
Solution Division  
Kranichberggasse 4  
1120 Wien  
Tel: +43-1-86 686-0  
© 3M 2017 All Rights Reserved

3M (Schweiz) GmbH  
Automotive & Aerospace  
Solution Division  
Eggstrasse 93  
8803 Rüschlikon  
Tel: +41 44 724 90 90  
Supersedes former versions.