

3M™ Acrylic Foam Tape RT8000 Series

Technical Data Sheet

General Description

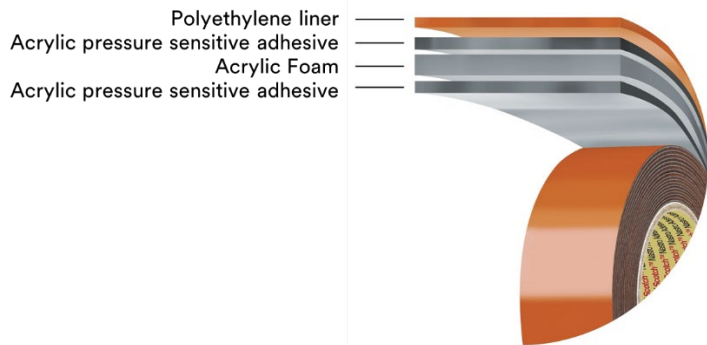
3M™ Acrylic Foam Tape RT8000 Series provides superior adhesion performance and offers high flexibility. This tape is specifically designed for the attachment of automotive exterior trim applications, including body side molding, emblem, cladding panel and spoilers.

3M Tape RT8000 Series offers the following key features:

- Compatibility with the TOYOTA Anti Acid Rain Paint and Scratch Resistant Paint surface:
 - Meets the TOYOTA Engineering Standard “Pressure sensitive adhesive double coated tape for exterior parts”, and has excellent initial adhesion performance and durability
 - Minimizes detachment from the paint surface due to the tapes very good stress relaxation properties
 - Has good adhesion performance and workability on conventional paint surfaces
- Follows the shrinkage and elongation of the plastic part caused by temperature changes, and has good stress relaxation properties which are very important for part attachment
- Provides very high final adhesion and peeling strength
- Excels in a variety of weather conditions, and offers solvent and high temperature resistance



Product Construction



Physical Properties

	Core	Core Color	Thickness *	Liner	Adhesive
RT8002	Acrylic Foam Core	Gray	0.2 mm +/- 0.05 mm	Translucent, orange, polyethylene liner	Acrylic pressure sensitive adhesive on both sides or core
RT8004			0.4 mm +/- 0.05 mm		
RT8006			0.6 mm +/- 0.10 mm		
RT8008			0.8 mm +/- 0.10 mm		
RT8010			1.0 mm +/- 0.10 mm		
RT8012			1.2 mm +/- 0.10 mm		
RT8016			1.6 mm +/- 0.15 mm		
RT8020			2.0 mm +/- 0.18 mm		
RT8025			2.5 mm +/- 0.18 mm		
RT8030			White		
RT8035		3.5 mm +/- 0.25 mm			
RT8040		4.0 mm +/- 0.25 mm			

*Liner thickness is not included

Performance Properties

3M understands that development of automotive applications is typically driven by specification requirements and performance. Each OEM has their own unique criteria and 3M continues to develop products to meet those demands. Please contact your 3M application engineer for support and to obtain specific test data.

Shelf Life

36 months from date of manufacture. Optimum storage conditions are 23°C and 50% relative humidity.

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 at www.3M.com/msds.

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 engineering representative or [connect with a 3M expert](#).

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