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April 2021

3M™ Acrylic Foam Tape Series GTE6200

Technical Data Sheet

Product Description

3M ™ Acrylic Foam Adhesive Tape GTE6200 series is characterized by good adhesion to a variety of automotive surfaces, good internal strength, excellent long-term stability and very good adaptability to the surfaces to be bonded. The self-adhesive (SK) side is laminated to pre-treated plastic components, then applied to the painted body or ABS. Typical applications include attachments for attachments, such as bumpers, pillar trim, chrome trim and emblems.

Product Features

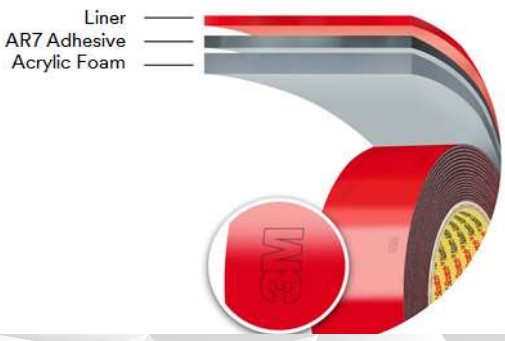
- Good adhesion to many automotive paints.
- Operating temperature up to 90°C.
- Optimized acrylate foam core for easy application and good adaptation to component surfaces.
- Temperature, weather, UV and solvent resistant.
- Suitable for all manual and automatic application processes.

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

GTE6200



Physical Properties

Typical Values	GTE6208	GTE6212	GTE6215
Thickness	0.8 mm	1.2 mm	1.5 mm
90° Peel on 3M Reference Stainless Steel plates (Specification values have to be determined on customer substrate)			
20 min RT Liner Side (LS)	22 N/cm	27 N/cm	29 N/cm
20 min RT Non-Liner Side (NLS)	23 N/cm	26 N/cm	26 N/cm
72 h RT Liner Side (LS)	23 N/cm	29 N/cm	29 N/cm
72 h RT Non-Liner Side (NLS)	23 N/cm	26 N/cm	26 N/cm
Density	740 kg/m³		
Core	3M™ Acrylic Foam Tape		
Color	Gray		
Liner	F: Maroon polyethylene foil, one side siliconized for easy removability (Branded). H: Orange polyethylene foil, high release for application to EPDM. P: White paper liner for die-cuts; not suitable for lathe slitting. R: Orange polypropylene film, tear resistant.		
Adhesive Liner Side (LS) and Non-Liner Side (NLS)	Liner Side (LS): AR7 adhesive with high initial tack and high ultimate bond strength to automotive paints and ABS. Non-Liner Side (NLS): Self-stick, good initial and final adhesion on various paint systems and surfaces.		
Shelf Life	Film liner (H-Liner / R-Liner) Duration: 36 month from date of manufacturing Conditions: 4 °C - 38 °C and 0 - 95 % RH in original unopened packaging – optimum: 23 °C ± 2 °C and 50% ± 4 % RH Film liner (F-Liner) & Paper liner Duration: 24 month from date of manufacturing Conditions: application specific – optimum 23 °C ± 2 °C and 50% ± 4 % RH Levelwound rolls to be stored horizontally.		
Temperature Resistance	- 40°C to +90°C, short term 120°C (both values are load-dependent). R version (tear resistant liner) maximum 80°C.		
Tabbing	An extended liner tab is recommended. F: 3M™ PSA Tabbing 5300 or 3M™ Heat-bonding tabbing 5081 - 5082. H: 3M™ Heat-bonding tabbing 5081 - 5082. P: Extender Liner tab. R: 3M™ Heat-Bonding tabbing 5075.		
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 m²) rolls could contain a significantly different number of splices.		
Regulatory Information	Please refere 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 www.3M.com/msds. The product is published as material entry and is available for access on www.mdsystem.com. For Product IMDS ID Number, email requests to 3M-IMDSrequest@mmm.com. (In Germany use ge-produktsicherheit@mmm.com).		

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3M Deutschland GmbH
Automotive & Aerospace
Solutions Division
Carl-Schurz-Strasse-1
D-41453 Neuss
Tel. +49-2131-14-3580
www.3M-Automotive.de

3M Österreich GmbH
Automotive & Aerospace
Solutions Division
Kranichberggasse 4
1120 Wien
Tel: +43-1-86 686-0

3M (Schweiz) GmbH
Automotive & Aerospace
Solutions Division
Eggstrasse 93
8803 Rüschlikon
Tel: +41 44 724 90 90

Supersedes former versions.