

tesa® 66007 low VOC

75µm reinforced water-based acrylic adhesive layer with PET scrim for mounting in automotive interiors

tesa® 66007 is a conformable transparent adhesive layer of water based acrylic reinforced with a PET scrim mesh.

Features:

- *very low total VOC values and no critical substances detectable
- *high initial tack and peel adhesion
- *high conformable design following 3D shapes
- *provides excellent conformability and stability
- *provides excellent initial adhesion to a wide variety of interior substrates
- *suitable for the bonding to nonpolar plastics, foams, felts and fabrics
- *the scrim provides a reinforcement of flexible substrates for improving converting efficiency and handling

Main Application

Mounting of plastics as well LSE plastics

- *with difficult wet-out
- *permanent low load

Lamination or mounting of critical, soft, light and smooth surfaces / sheets

- *immediate and secure bending around the edge

Technical Data

▪ Backing material	none	▪ Type of liner	glassine
▪ Color	transparent	▪ Colour of liner	brown/blue logo
▪ Total thickness	75 µm	▪ Temperature resistance from	-40 °C
▪ Thickness of tape	75 µm	▪ Temperature resistance up to	170 °C
▪ Type of adhesive	water-based acrylic		

Adhesion to

▪ Steel (initial)	9.7 N/cm	▪ Steel (after 3 days)	12.3 N/cm
▪ ABS (initial)	11.0 N/cm	▪ ABS (after 3 days)	12.2 N/cm
▪ PC (initial)	11.2 N/cm	▪ PC (after 3 days)	11.4 N/cm
▪ PE (initial)	4.0 N/cm	▪ PE (after 3 days)	4.5 N/cm
▪ PET (initial)	10.1 N/cm	▪ PET (after 3 days)	11.0 N/cm
▪ PP (initial)	4.5 N/cm	▪ PP (after 3 days)	11.0 N/cm
▪ PS (initial)	9.4 N/cm	▪ PS (after 3 days)	10.8 N/cm
▪ PVC (initial)	8.8 N/cm	▪ PVC (after 3 days)	11.7 N/cm

For latest information on this product please visit <http://l.tesa.com/?ip=66007>

tesa® products prove their impressive quality day in, day out in demanding conditions and are regularly subjected to strict controls. All information and recommendations are provided to the best of our knowledge on the basis of our practical experience. Nevertheless tesa SE can make no warranties, express or implied, including, but not limited to any implied warranty of merchantability or fitness for a particular purpose. Therefore, the user is responsible for determining whether the tesa® product is fit for a particular purpose and suitable for the user's method of application. If you are in any doubt, our technical support staff will be glad to support you.

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Properties

▪ Suitable for die cutting	yes	▪ Conformability	●●●●
▪ Suitable for rough surfaces	●●●●	▪ Low VOC	●●●●
▪ Tack	●●●●	▪ Fogging	●●●●
▪ Storage conditions	23°C, 50% RH, stored in original box		

Evaluation across relevant tesa® assortment: ●●●● very good ●●● good ●● medium ● low

Additional Information

Is designed to fulfill the low VOC (Volatile Organic Compounds) automotive requirements set forth by the Japanese Ministry of Health, Labor and Welfare (MHLW) and the Japanese Automobile Manufacturers Association (JAMA) limit of concentrations of 13 toxic chemistries. Acc. Toyota TSK0508G our assortment is conform Japanese automotive requirements

Adhesion vaules to:

PVC

PP

ABS

PC

PET

PS

PE

Are not part of the product specification

PV20 brown glassine liner / blue tesa logo

other liner version possible - on request

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