tesa® 66007 low VOC

Product Information

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

Product Description

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

Application Fields

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 Information (average values)

The values in this section should be considered representative or typical only and should not be used for specification purposes.

Product Construction

• Backing	none	• Color	transparent
• Type of adhesive	water-based acrylic	• Color of liner	brown/blue logo
• Type of liner	glassine	• Thickness of tape	75 µm
• Total thickness	75 µm		

Properties/Performance Values

• Fogging	very good	• Tack	very good
• Low VOC	very good	• Temperature resistance max.	170 °C
• Suitable for die cutting	yes	• Temperature resistance min.	-40 °C
• Suitable for rough surfaces	very good		

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

tesa® 66007 low VOC

Product Information

Adhesion to Values

- ABS (initial) 11 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 N/cm
- PE (after 3 days) 4.5 N/cm
- PET (initial) 10.1 N/cm
- PET (after 3 days) 11 N/cm
- PP (initial) 4.5 N/cm
- PP (after 3 days) 11 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
- Steel (initial) 9.7 N/cm
- Steel (after 3 days) 12.3 N/cm

Storage Conditions

Storage Conditions
23°C, 50% RH, stored in original box

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

tesa® 66007 low VOC

Product Information

Disclaimer

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.

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