tesa® 68105

Product Information

50µm double sided transparent pure acrylic transfer tape

Product Description

tesa® 68105 is a 50µm transparent transfer tape suitable for demanding lamination jobs.

Product Features

- High shear strength under high temperature conditions
- Easy repositioning during assembling processes
- Excellent resistance against plasticizers
- Low outgassing
- Ageing resistance
- A moisture resistant liner gives this product good dimensional stability for die cutting processes.
- The adhesive thickness offers the best compromise between adhesion on filmic polymers, high shear resistance and efficient processability.
- The pure acrylic adhesive gives this product an excellent compatibility with printing inks, including conductive inks.

Application Fields

- Lamination of overlays on touch switches
- Fastening of printed nameplates and label stock
- Assembly of all kind of filmic multilayer constructions

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 of liner	transparent
Type of adhesive	pure acrylic	Thickness of liner	75 µm
Type of liner	PET		

Properties/Performance Values

Ageing resistance (UV)	very good	Static shear resistance at 70°C	very good
Chemical Resistance	good	Tack	medium
Humidity resistance	good	Temperature resistance long term	150 °C
Softener resistance	very good		
Static shear resistance at 40°C	very good	Temperature resistance short term	200 °C

For latest information on this product please visit http://l.tesa.com/?ip=68105

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Adhesion to Values

- ABS (initial) 4.3 N/cm
- ABS (after 14 days) 6 N/cm
- Aluminium (initial) 3.6 N/cm
- Aluminium (after 14 days) 5.5 N/cm
- PC (initial) 5 N/cm
- PC (after 14 days) 6.6 N/cm
- PE (initial) 1.1 N/cm
- PE (after 14 days) 1.6 N/cm
- PET (initial) 3.5 N/cm
- PET (after 14 days) 4.5 N/cm
- PP (initial) 2.1 N/cm
- PP (after 14 days) 2 N/cm
- PS (initial) 4.5 N/cm
- PS (after 14 days) 5.5 N/cm
- PVC (initial) 4 N/cm
- PVC (after 14 days) 6.7 N/cm
- Steel (initial) 4.6 N/cm
- Steel (after 14 days) 6.7 N/cm

Disclaimer

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