tesa® 68105

Product Information

High performance acrylic transfer tape

Product Description

tesa® 68105 is a transparent transfer tape suitable for demanding lamination applications. The pure acrylic adhesive gives this product an excellent compatibility with printing inks, including conductive inks. The adhesive thickness offers the best compromise between adhesion on filmic polymers, high shear resistance and efficient processability. A moisture resistant liner gives this product good dimensional stability for die cutting processes.

tesa® 68105 features:

- High shear strength under high temperature conditions
- Easy repositioning during assembling processes
- Excellent resistance against plasticisers
- Low outgassing
- Ageing resistance

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 material	none	• Colour of liner	transparent
• Type of adhesive	pure acrylic	• Thickness of liner	75 µm
• Type of liner	PET		

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

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Product Information

Properties/Performance Values

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

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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