

tesa® 68105

50 µm 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

Type of liner **PET**

Backing material **none**

Type of adhesive **pure acrylic**

Color of liner **transparent, translucent**

Thickness of liner **75 µm**

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, good**

Temperature resistance long term **150 °C**

• Temperature resistance short term **200 °C**

Adhesion to Values

Steel (initial) **4.6 N/cm**

Steel (after 14 days) **6.7 N/cm**

