

Product Information

100µm double sided translucent non-woven tape

tesa® 68644 is a translucent, double-sided self-adhesive tape consisting of a non-woven backing and a tackified acrylic adhesive.

tesa® 68644 features especially:

- High adhesion level on various kinds of foam, plastic and metal surfaces
- Excellent temperature resistance performance
- Good converting properties

Main Application

- Mounting and assembly of components into electronic devices
- Mounting of nameplates
- Lamination of foam and felt

Technical Information (average values)

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

Technical Data

• Backing material	non-woven	• Type of liner	glassine
• Color	translucent	• Colour of liner	brown
• Total thickness	100 µm	• Thickness of liner	71 µm
• Type of adhesive	tackified acrylic		

Adhesion to

• Steel (initial)	8.1 N/cm	• Steel (after 14 days)	9.4 N/cm
• ABS (initial)	6.7 N/cm	• ABS (after 14 days)	8.2 N/cm
• Glass (initial)	7.7 N/cm	• Glass (after 14 days)	9.8 N/cm
• PC (initial)	8.3 N/cm	• PC (after 14 days)	10.0 N/cm
• PE (initial)	3.4 N/cm	• PE (after 14 days)	3.8 N/cm

Properties

• Temperature resistance short term	200 °C	• Humidity resistance	●●●●
• Temperature resistance long term	80 °C	• Resistance to chemicals	●●●
• Tack	●●●●	• Softener resistance	●●
• Ageing resistance (UV)	●●●●	• Static shear resistance at 23°C	●●●

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

Additional Information

Liner variants:

PV20 brown glassine liner / blue tesa logo

tesa® 68644

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Disclaimer

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