

tesa® 68646

140µm double sided translucent non-woven tape

tesa® 68646 is a translucent, double-sided self-adhesive tape consisting of a non-woven backing and a tackified acrylic adhesive.

tesa® 68646 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 Data

- | | | | |
|--------------------|-------------|--------------------|-------------------|
| ▪ Backing material | non-woven | ▪ Total thickness | 140 µm |
| ▪ Color | translucent | ▪ Type of adhesive | tackified acrylic |

Adhesion to

- | | | | |
|-------------------|-----------|-------------------------|-----------|
| ▪ Steel (initial) | 9.8 N/cm | ▪ Steel (after 14 days) | 12.1 N/cm |
| ▪ ABS (initial) | 9.0 N/cm | ▪ ABS (after 14 days) | 11.2 N/cm |
| ▪ Glass (initial) | 9.9 N/cm | ▪ Glass (after 14 days) | 10.4 N/cm |
| ▪ PC (initial) | 10.2 N/cm | ▪ PC (after 14 days) | 12.2 N/cm |
| ▪ PE (initial) | 4.3 N/cm | ▪ PE (after 14 days) | 4.6 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

For latest information on this product please visit <http://l.tesa.com/?ip=68646>

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