



tesa[®] 8854

Product Information

100µm double sided translucent non-woven tape

Product Description

tesa[®] 8854 is a 100µm double sided translucent non-woven tape consisting of a non-woven backing and a tackified acrylic adhesive.

Product Features

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

Application Fields

- 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.

Product Construction

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

Properties/Performance Values

| | | | |
|--------------------------|-----------|----------------------------------------------|-----------|
| • Ageing resistance (UV) | very good | • Static shear resistance at 23°C | good |
| • Chemical resistance | good | • Tack | very good |
| • Humidity resistance | very good | • Temperature resistance long term duration | 80 °C |
| • Softener resistance | medium | • Temperature resistance short term duration | 200 °C |



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Adhesion to Values

| | | | |
|-------------------------|----------|-------------------------|----------|
| • ABS (initial) | 6.7 N/cm | • PC (after 14 days) | 10 N/cm |
| • ABS (after 14 days) | 8.2 N/cm | • PE (initial) | 3.4 N/cm |
| • Glass (initial) | 7.7 N/cm | • PE (after 14 days) | 3.8 N/cm |
| • Glass (after 14 days) | 9.8 N/cm | • Steel (initial) | 8.1 N/cm |
| • PC (initial) | 8.3 N/cm | • Steel (after 14 days) | 9.4 N/cm |

Disclaimer

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