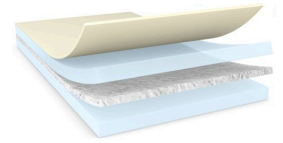


tesa® 8854

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

- The acrylic adhesive gives this product an excellent temperature resistance up to 260°C.
- The temperature resistant glassine liner ensures it can be easily released without adhesive residue left after solder reflow process.
- Sufficient holding power and peel strength even after solder reflow process
- 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
- FPC mounting application of electronic components, subjected to high temperature processing and operating environments

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

Properties/Performance Values

- | | | | |
|--------------------------|-----------|-----------------------------------|-----------|
| • Ageing resistance (UV) | very good | • Softener resistance | medium |
| • Chemical Resistance | good | • Static shear resistance at 23°C | good |
| • Humidity resistance | very good | • Tack | very good |

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Product Information

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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