



# tesa<sup>®</sup> 8853

## Product Information



50µm double sided translucent non-woven tape

### Product Description

tesa<sup>®</sup> 8853 is made from special tackified acrylic adhesive system which has excellent high temperature resistant property, ideal for demanding FPC mounting applications.

The acrylic adhesive gives this product an excellent temperature resistance up to 260°C. The highly comfortable ultra thin non-woven backing offers excellent converting performance with limited edge picking. The temperature resistant glassine liner ensures it can be easily released without adhesive residue left after solder reflow process.

Key features of tesa<sup>®</sup> 8853:

- \*Sufficient holding power and peel strength even after solder reflow process
- \*High tensile strength, good repulsion resistance
- \*Excellent die-cutting properties and very low oozing due to special backing
- \*High conformability for uneven surfaces
- \*High aging resistance
- \*Conforming to RoHS

### Application Fields

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

- |                    |                      |                      |                      |
|--------------------|----------------------|----------------------|----------------------|
| • Type of liner    | glassine             | • Color              | translucent          |
| • Weight of liner  | 82 g/m <sup>2</sup>  | • Colour of liner    | white with tesa logo |
| • Backing material | ultra thin non-woven | • Thickness of liner | 71 µm                |
| • Type of adhesive | tackified acrylic    |                      |                      |

### Properties/Performance Values

- |                          |           |                       |      |
|--------------------------|-----------|-----------------------|------|
| • Ageing resistance (UV) | very good | • Softener resistance | good |
| • Chemical resistance    | good      | • Tack                | good |
| • Humidity resistance    | very good |                       |      |

For latest information on this product please visit <http://l.tesa.com/?ip=08853>



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### Adhesion to Values

• ABS (initial)	4.8 N/cm	• PET (initial)	5 N/cm
• ABS (after 14 days)	6 N/cm	• PET (after 14 days)	5.4 N/cm
• Aluminium (initial)	4.5 N/cm	• PI (initial)	5.9 N/cm
• Aluminium (after 14 days)	5.9 N/cm	• PI (after 14 days)	6 N/cm
• PC (initial)	5.8 N/cm	• Steel (initial)	5.3 N/cm
• PC (after 14 days)	6.9 N/cm	• Steel (after 14 days)	6.5 N/cm

### Disclaimer

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