



tesa® 8853

Product Information

50µm double sided translucent non-woven tape

Product Features

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

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

Application Fields

FPC mounting application of electronic components, subjected to high temperature processing and operating environments.

Product Construction

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

Adhesion to Values

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



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Disclaimer

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