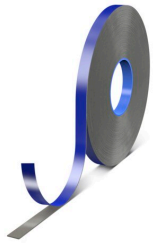
tesa® 8853 PV41



Product Information

50µm double sided translucent non-woven tape

Product Description

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

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

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

• Backing	ultra thin non-woven	• Color	translucent
• Type of adhesive	tackified acrylic	• Color of liner	white
• Type of liner	glassine	• Thickness of liner	86 µm
• Total thickness	50 µm	• Weight of liner	100 g/m^2

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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Product Information

Adhesion to Values

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

Disclaimer

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