

tesa® 8851

Product Information



30µm double sided translucent non-woven tape

Product Description

tesa® 8851 is an ultra thin double-sided non-woven tape, which has excellent temperature resistance property, ideal for micro-speaker dome mounting and FPC mounting applications.

The temperature resistant glassine liner ensures it can be easily released after solder reflow process.

Product Features

- Ultra thin double-sided non-woven tape
- Stable holding power and peel strength after high temperature process
- High tensile strength
- Excellent die-cutting properties and very low oozing due to special backing
- High conformability for uneven surfaces
- Conformity to RoHS regulations
- High aging resistance
- tesa® 8851 is made from special tackified acrylic adhesive system and uses an ultra thin non-woven backing, which offers excellent temperature resistance up to 260°C and excellent converting performance.

Application Fields

- Micro speaker dome mounting application
- FPC mounting application
- Mounting of electronics components, subjected to high temperature process

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	ultra thin non-woven	• Colour of liner	white/red logo
• Type of adhesive	tackified acrylic	• Thickness of liner	71 µm
• Total thickness	30 µm	• Weight of liner	82 g/m ²
• Colour	translucent		

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Adhesion to Values

• ABS (initial)	3.4 N/cm	• PET (initial)	4 N/cm
• ABS (after 14 days)	4.6 N/cm	• PET (after 14 days)	4.4 N/cm
• Aluminium (initial)	3.5 N/cm	• PI (initial)	4.3 N/cm
• Aluminium (after 14 days)	5.5 N/cm	• PI (after 14 days)	4.4 N/cm
• PC (initial)	3.7 N/cm	• Steel (initial)	4 N/cm
• PC (after 14 days)	5 N/cm	• Steel (after 14 days)	5.5 N/cm

Disclaimer

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