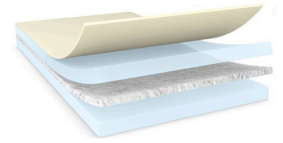




tesa® 8851

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.

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

Key features of tesa® 8851:

- 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
- High aging resistance
- Conformity to RoHS regulations

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

• Weight of liner	82 g/m ²	• Color	translucent,
• Backing material	ultra thin non-woven		transparent, optically
• Type of adhesive	tackified acrylic,		clear
	acrylic, advanced	• Color of liner	white/red logo
	acrylic, modified	• Thickness of liner	71 µm
	acrylic		2.8 mils



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Product Information

Adhesion to Values

• ABS (initial)	3.4 N/cm 31.1 oz/in	• PET (initial)	4 N/cm 36.5 oz/in
• ABS (after 14 days)	4.6 N/cm 42 oz/in	• PET (after 14 days)	4.4 N/cm 40.2 oz/in
• Aluminium (initial)	3.5 N/cm 32 oz/in	• PI (initial)	4.3 N/cm 39.3 oz/in
• Aluminium (after 14 days)	5.5 N/cm 50.2 oz/in	• PI (after 14 days)	4.4 N/cm 40.2 oz/in
• PC (initial)	3.7 N/cm 33.8 oz/in	• Steel (initial)	4 N/cm 36.5 oz/in
• PC (after 14 days)	5 N/cm 45.7 oz/in	• Steel (after 14 days)	5.5 N/cm 50.2 oz/in

Disclaimer

tesa® products prove their impressive quality day in, day out in demanding conditions and are regularly subjected to strict controls. All information and recommendations are provided to the best of our knowledge on the basis of our practical experience. Nevertheless tesa SE can make no warranties, express or implied, including, but not limited to any implied warranty of merchantability or fitness for a particular purpose. Therefore, the user is responsible for determining whether the tesa® product is fit for a particular purpose and suitable for the user's method of application. If you are in any doubt, our technical support staff will be glad to support you.