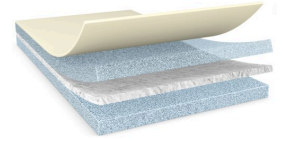




tesa[®] 8857

Product Information



50µm double-sided translucent non-woven tape

Product Description

tesa[®] 8857 is made from special tackified acrylic adhesive system which has excellent high temperature resistance, ideal for demanding FPC mounting applications.

The acrylic adhesive gives this product an excellent temperature resistance of up to 260°C. The highly conformable, ultra-thin non-woven backing and highly temperature resistant release liner ensures it can be easily released without adhesive residue or liner breakage after reflow oven process.

Key features of tesa[®] 8857:

- *High temperature resistance with 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

Product Features

- The acrylic adhesive gives this product an excellent temperature resistance up to 260°C.
- The highly comfortable ultra thin non-woven backing and highly temperature resistant release liner ensures it can be easily released without adhesive residue left or liner broken after reflow oven process.
- High temperature resistance with sufficient holding power and peel strength even after solder reflow process
- High tensile strength
- 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.



tesa[®] 8857

Product Information

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	heat resistant paper	• Thickness of liner	86 µm
• Total thickness	50 µm 2 mils	• Weight of liner	3.4 mils 100 g/m ²

Adhesion to Values

• ABS (initial)	4.8 N/cm 43.9 oz/in	• PET (initial)	5 N/cm 45.7 oz/in
• ABS (after 14 days)	6 N/cm 54.8 oz/in	• PET (after 14 days)	5.4 N/cm 49.3 oz/in
• Aluminium (initial)	4.5 N/cm 41.1 oz/in	• PI (initial)	5.9 N/cm 53.9 oz/in
• Aluminium (after 14 days)	5.9 N/cm 53.9 oz/in	• PI (after 14 days)	6 N/cm 54.8 oz/in
• PC (initial)	5.8 N/cm 53 oz/in	• Steel (initial)	5.3 N/cm 48.4 oz/in
• PC (after 14 days)	6.9 N/cm 63 oz/in	• Steel (after 14 days)	6.5 N/cm 59.4 oz/in

Disclaimer

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