

tesa® 8853

50µm double sided translucent non-woven tape

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

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.

Key features of tesa® 8853:

- *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

Main Application

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

Technical Data

▪ Backing material	ultra thin non-woven	▪ Type of liner	glassine
▪ Color	translucent	▪ Colour of liner	white/red logo
▪ Total thickness	50 µm	▪ Thickness of liner	71 µm
▪ Type of adhesive	tackified acrylic	▪ Weight of liner	82 g/m ²

Adhesion to

▪ Steel (initial)	5.3 N/cm	▪ Steel (after 14 days)	6.5 N/cm
▪ ABS (initial)	4.8 N/cm	▪ ABS (after 14 days)	6.0 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)	5.0 N/cm	▪ PET (after 14 days)	5.4 N/cm
▪ PI (initial)	5.9 N/cm	▪ PI (after 14 days)	6.0 N/cm

For latest information on this product please visit <http://l.tesa.com/?ip=08853>

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