

## tesa® 8854 100µm double sided translucent non-woven tape

tesa® 8854 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 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.

tesa® 8854 features especially:

- Good adhesion values on polar substrates
- Good temperature resistance performance
- Compliant with current RoHS regulations
- Easy processing and die-cutting due to non-woven backing

### Main Application

- Mounting and assembly of components, e.g. FPC into electronic devices

### Technical Data

▪ Backing material	non-woven	▪ Type of liner	glassine
▪ Color	translucent	▪ Colour of liner	white/red logo
▪ Total thickness	100 µm	▪ Thickness of liner	71 µm
▪ Type of adhesive	tackified acrylic	▪ Weight of liner	83 g/m <sup>2</sup>

### Adhesion to

▪ Steel (initial)	8.1 N/cm	▪ Steel (after 14 days)	9.4 N/cm
▪ ABS (initial)	6.7 N/cm	▪ ABS (after 14 days)	8.2 N/cm
▪ PC (initial)	8.3 N/cm	▪ PC (after 14 days)	10.0 N/cm
▪ PE (initial)	3.4 N/cm	▪ PE (after 14 days)	3.8 N/cm

### Properties

▪ Tack	●●●●	▪ Resistance to chemicals	●●●
▪ Ageing resistance (UV)	●●●●	▪ Softener resistance	●●
▪ Humidity resistance	●●●●		

Evaluation across relevant tesa® assortment: ●●●● very good ●●● good ●● medium ● low

For latest information on this product please visit <http://l.tesa.com/?ip=08854>

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### Additional Information

PV20 brown glassine liner / blue tesa logo

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