

tesa® 68542

50µm double sided transparent filmic tape

PRODUCT INFORMATION

Product Description

tesa® 68542 is a transparent, double-sided self-adhesive tape consisting of a PET backing and a tackified acrylic adhesive.

tesa® 68542 features esp.

- Thickness: 50µm
- High adhesion level
- High resistance to demanding environmental conditions
- Good handling performance in converting processes

Main Application

tesa® 68542 is used for general mounting and laminating applications especially in the electronics industry.

Technical Data

■ Backing material	PET film	■ Type of adhesive	tackified acrylic
■ Colour	transparent	■ Elongation at break	50 %
■ Total thickness	50 µm	■ Tensile strength	20 N/cm

Adhesion to

■ Steel (initial)	5.0 N/cm	■ Steel (after 14 days)	7.2 N/cm
■ ABS (initial)	5.0 N/cm	■ ABS (after 14 days)	6.1 N/cm
■ Aluminium (initial)	5.0 N/cm	■ Aluminium (after 14 days)	6.0 N/cm
■ PC (initial)	5.3 N/cm	■ PC (after 14 days)	6.6 N/cm
■ PE (initial)	2.0 N/cm	■ PE (after 14 days)	2.8 N/cm
■ PET (initial)	5.2 N/cm	■ PET (after 14 days)	5.8 N/cm
■ PP (initial)	2.0 N/cm	■ PP (after 14 days)	5.3 N/cm
■ PVC (initial)	5.2 N/cm	■ PVC (after 14 days)	7.9 N/cm

Properties

■ Temperature resistance short term	200 °C	■ Humidity resistance	++
■ Temperature resistance long term	100 °C	■ Softener resistance	++
■ Tack	+	■ Static shear resistance at 23°C	o
■ Ageing resistance (UV)	++		

Evaluation across relevant tesa® assortment: ++ very good, + good, o medium, - low

Additional Info

Liner variants:
PV20 brown/blue logo glassine paper (71µm; 82g/m²)

For latest information on this product please visit <http://l.tesa.com/?ip=68542>

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