

tesa® 68558

12µm double sided transparent conformable filmic tape

tesa® 68558 is a transparent, double-sided self-adhesive tape consisting of a thin, conformable PET film backing and a tackified acrylic adhesive.

tesa® 68558 features esp.:

- Thickness: 12µm
- High adhesion level relative to low thickness
- Excellent conformability and adjustment to curved surfaces
- Excellent resistance to demanding environmental conditions

Main Application

- Very small design gaps
- Mounting of head spreading parts

Technical Data

▪ Backing material	PET film	▪ Type of adhesive	tackified acrylic
▪ Color	transparent	▪ Elongation at break	50 %
▪ Total thickness	12 µm	▪ Tensile strength	7 N/cm

Adhesion to

▪ Steel (initial)	3.8 N/cm	▪ Steel (after 14 days)	4.9 N/cm
▪ ABS (initial)	3.5 N/cm	▪ ABS (after 14 days)	3.8 N/cm
▪ PC (initial)	4.0 N/cm	▪ PC (after 14 days)	4.6 N/cm
▪ PE (initial)	1.0 N/cm	▪ PE (after 14 days)	1.4 N/cm

Properties

▪ Temperature resistance short term	200 °C	▪ Humidity resistance	●●●●
▪ Temperature resistance long term	100 °C	▪ Resistance to chemicals	●●●●
▪ Tack	●	▪ Static shear resistance at 23°C	●●●
▪ Ageing resistance (UV)	●●●●	▪ Static shear resistance at 40°C	●●

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

Additional Information

Liner variants:

PV50 transparent PET liner (50µm; 72g/m²)

For latest information on this product please visit <http://l.tesa.com/?ip=68558>

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