

tesa® 68558



product information

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 Information (average values)

The values in this section should be considered representative or typical only and should not be used for specification purposes.

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)

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Disclaimer

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