



tesa[®] 68558

Product Information

12µm double sided transparent conformable filmic tape

Product Description

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

Product Features

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

Application Fields

- 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.

Product Construction

- | | | | |
|--------------------|-------------------|-------------------|-------------|
| • Backing | PET film | • Total thickness | 12 µm |
| • Type of adhesive | tackified acrylic | • Color | transparent |

Properties/Performance Values

- | | | | |
|--------------------------|-----------|-------------------------------------|--------|
| • Elongation at break | 50 % | • Static shear resistance at 23°C | good |
| • Tensile strength | 7 N/cm | • Static shear resistance at 40°C | medium |
| • Ageing resistance (UV) | very good | • Tack | low |
| • Chemical Resistance | very good | • Temperature resistance long term | 100 °C |
| • Humidity resistance | very good | • Temperature resistance short term | 200 °C |

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Product Information

Adhesion to Values

• ABS (initial)	3.5 N/cm	• PE (initial)	1 N/cm
• ABS (after 14 days)	3.8 N/cm	• PE (after 14 days)	1.4 N/cm
• PC (initial)	4 N/cm	• Steel (initial)	3.8 N/cm
• PC (after 14 days)	4.6 N/cm	• Steel (after 14 days)	4.9 N/cm

Additional Information

Liner variants:

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

Disclaimer

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