

product information

Double-sided transparent filmic tape

tesa® 51966 is a transparent double-sided tape consisting of a PET backing and a highly tackified acrylic adhesive.

tesa® 51966 features especially:

- Excellent combination of high initial tack and immediate adhesion
- Full suitability for long-term applications

Main Application

- Especially designed for converter and tape specialist business
- Excellent converting properties

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	PETP	• Type of adhesive	acrylic
• Color	transparent	• Elongation at break	55 %
• Total thickness	200 µm	• Tensile strength	20 N/cm

Adhesion to

• Steel (initial)	10.5 N/cm	• Steel (after 14 days)	11.0 N/cm
• ABS (initial)	10.5 N/cm	• ABS (after 14 days)	11.5 N/cm
• Aluminium (initial)	9.0 N/cm	• Aluminium (after 14 days)	10.0 N/cm
• PC (initial)	13.0 N/cm	• PC (after 14 days)	13.5 N/cm
• PE (initial)	7.0 N/cm	• PE (after 14 days)	7.5 N/cm
• PET (initial)	9.0 N/cm	• PET (after 14 days)	9.5 N/cm
• PP (initial)	7.5 N/cm	• PP (after 14 days)	8.0 N/cm
• PS (initial)	11.0 N/cm	• PS (after 14 days)	12.0 N/cm
• PVC (initial)	9.0 N/cm	• PVC (after 14 days)	13.0 N/cm

Properties

• Temperature resistance short term	130 °C	• Humidity resistance	●●●●
• Temperature resistance long term	80 °C	• Resistance to chemicals	●●●●
• Tack	●●●●	• Softener resistance	●●●●
• Ageing resistance (UV)	●●●●		

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

Additional Information

Liner variants:

PV20: brown glassine paper liner with blue printed tesa logo (71µm; 82g/m²)

PV06: red MOPP-film (80µm; 72g/m²)

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Disclaimer

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<http://l.tesa.com/?ip=51966>