



tesa® 4972

Product Information



48µm double sided transparent filmic tape

Product Description

tesa® 4972 is a transparent, double-sided self-adhesive tape consisting of a PET backing and a tackified acrylic adhesive.

tesa® 4972 features especially:

- Thickness: 48µm
- High adhesion level
- Excellent resistance to demanding environmental conditions
- Excellent handling performance in converting processes

Product Features

- Thickness: 48µm
- High adhesion level
- Excellent resistance to demanding environmental conditions
- Excellent handling performance in converting processes

Applications

- Mounting of metal or plastic badges and signs
- Fixing of reflection foil to LCD frame
- Splicing of thin plastic films

Technical Information (average values)

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

Applications

• Backing	PET film	• Total thickness	48 µm
• Type of adhesive	tackified acrylic	• Color	transparent

Properties/Performance Values

• Elongation at break	50 %	• Static shear resistance at 23°C	good
• Tensile strength	20 N/cm	• Static shear resistance at 40°C	good
• Ageing resistance (UV)	good	• Tack	very good
• Chemical Resistance	good	• Temperature resistance long term	100 °C
• Humidity resistance	very good	• Temperature resistance short term	200 °C
• Softener resistance	good		



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Adhesion to Values

• ABS (initial)	5.3 N/cm	• PET (after 14 days)	7 N/cm
• ABS (after 14 days)	6.5 N/cm	• PP (initial)	3 N/cm
• Aluminium (initial)	5.2 N/cm	• PP (after 14 days)	4.8 N/cm
• Aluminium (after 14 days)	7.7 N/cm	• PS (initial)	5.4 N/cm
• PC (initial)	6.5 N/cm	• PS (after 14 days)	7.1 N/cm
• PC (after 14 days)	8.6 N/cm	• PVC (initial)	5.7 N/cm
• PE (initial)	3.1 N/cm	• PVC (after 14 days)	9.4 N/cm
• PE (after 14 days)	3.5 N/cm	• Steel (initial)	7 N/cm
• PET (initial)	5.3 N/cm	• Steel (after 14 days)	9.6 N/cm

Additional Information

Liner variants:

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

PV43 white/blue logo PE-coated paper (122µm; 120g/m²)

Disclaimer

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