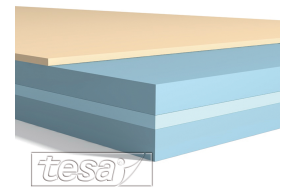




tesa® 4980

Product Information



Double-sided smooth lamination filmic tape

Product Description

tesa® 4980 is a transparent double-sided self-adhesive tape consisting of a PET backing and a tackified acrylic adhesive.

tesa® 4980 features:

- Good bonding strength to most common, smooth, even substrates
- Superior converting performance due to strong PET backing
- Initial repositioning in the assembly process due to reduced immediate contact adhesion

Application Fields

- Mounting of components in electronic devices
- Mounting of nameplates, badges and light signs
- Mounting of decorative profiles and mouldings in the furniture industry

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 material	PET film	• Total thickness	80 µm
• Type of adhesive	tackified acrylic, acrylic, advanced acrylic, modified acrylic	• Color	3.1 mils transparent, optically clear

Properties/Performance Values

• Elongation at break	50 %	• Static shear resistance at 23°C	good
• Tensile strength	20 N/cm 11.4 lbs/in	• Static shear resistance at 40°C	medium, good
• Ageing resistance (UV)	very good	• Tack	good
• Chemical resistance	good	• Temperature resistance long term	100 °C 212 °F
• Humidity resistance	very good	• Temperature resistance short term	200 °C 392 °F
• Softener resistance	good		



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Adhesion to Values

• ABS (initial)	6.5 N/cm 59.4 oz/in	• PET (after 14 days)	7.7 N/cm 70.3 oz/in
• ABS (after 14 days)	8 N/cm 73.1 oz/in	• PP (initial)	3.4 N/cm 31.1 oz/in
• Aluminium (initial)	6.3 N/cm 57.6 oz/in	• PP (after 14 days)	6.1 N/cm 55.7 oz/in
• Aluminium (after 14 days)	8.5 N/cm 77.7 oz/in	• PS (initial)	7 N/cm 64 oz/in
• PC (initial)	7.7 N/cm 70.3 oz/in	• PS (after 14 days)	8.5 N/cm 77.7 oz/in
• PC (after 14 days)	9.4 N/cm 85.9 oz/in	• PVC (initial)	6.8 N/cm 62.1 oz/in
• PE (initial)	4 N/cm 36.5 oz/in	• PVC (after 14 days)	10.7 N/cm 97.8 oz/in
• PE (after 14 days)	4.6 N/cm 42 oz/in	• Steel (initial)	8.6 N/cm 78.6 oz/in
• PET (initial)	6.2 N/cm 56.6 oz/in	• Steel (after 14 days)	9.7 N/cm 88.6 oz/in

Additional Information

Liner variants:

PV42 brown glassine paper (71µm; 82g/m²)

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

PV51 white PET-film (50µm; 72g/m²)

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