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

Product Features

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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	PET film
Type of adhesive	tackified acrylic
Total thickness	80 µm 3.1 mils
Color	transparent

Properties/Performance Values

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

For latest information on this product please visit http://l.tesa.com/?ip=04980

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Product Information

Adhesion to Values

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

Additional Information

Liner variants:
PV42 brown glassine paper (71µm; 82g/m^2)
PV50 transparent PET-film (50µm; 72g/m^2)
PV51 white PET-film (50µm; 72g/m^2)

Disclaimer

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