tesa® 51970

Product Information

Transparent double-sided filmic tape

Product Description

tesa® 51970 is a transparent double-sided tape consisting of a PP-film backing and a tackified adhesive.

tesa® 51970 features especially:

- Excellent combination of high tack and adhesion
- Secure bond even on critical materials such as PP and PE and rough surfaces
- Good temperature resistance and outdoor suitability

Application Fields

- Mounting of plastic and wooden trims
- Mounting of decorative materials and displays
- Mounting of transparent signs and scales

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	PP film	Total thickness	220 µm
Type of adhesive	tackified acrylic	Color	transparent

Properties/Performance Values

Elongation at break	150 %	Static shear resistance at 23°C	good
Tensile strength	50 N/cm	Static shear resistance at 40°C	good
Ageing resistance (UV)	good	Tack	very good
Chemical resistance	good	Temperature resistance long term	80 °C
Humidity resistance	very good	Temperature resistance min.	-40 °C
Softener resistance	good	Temperature resistance short term	130 °C

For latest information on this product please visit http://l.tesa.com/?ip=51970

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Adhesion to Values

- ABS (initial) 12.5 N/cm
- ABS (after 14 days) 14.5 N/cm
- Aluminium (initial) 11.5 N/cm
- Aluminium (after 14 days) 12.5 N/cm
- PC (initial) 15 N/cm
- PC (after 14 days) 16.5 N/cm
- PE (initial) 7 N/cm
- PE (after 14 days) 8 N/cm
- PET (initial) 11 N/cm
- PET (after 14 days) 11.5 N/cm
- PP (initial) 8.5 N/cm
- PP (after 14 days) 10 N/cm
- PS (initial) 13 N/cm
- PS (after 14 days) 14.5 N/cm
- PVC (initial) 11.5 N/cm
- PVC (after 14 days) 17.5 N/cm
- Steel (initial) 13 N/cm
- Steel (after 14 days) 13.5 N/cm

Additional Information

Liner variants:
PV0 brown glassine paper (71 µm)
PV2 white embossed PP (85 µm)
PV6 red MOPP-film (80 µm)

A fingerlift version (extended liner), tesa® 61970, is also available.

Disclaimer

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