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:

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

Sustainable Aspects

tesa® More Sustainable Paper Liner:

- Responsibly sourced paper liner (certified)
- Unbleached paper with 30% recycled fibers

For more information: https://www.tesa.com/product-sustainability

Product Features

- Excellent combination of high initial tack and immediate adhesion
- Light- and aging-resistant acrylic adhesive for long-term applications
- Reliable bond, often also on low surface energy surfaces

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	• Colour	transparent

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

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Product Information

Properties/Performance Values

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

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 (65 µm)
PV1 white glassine paper (84 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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