



tesa® 4970

Product Information



Double-sided filmic tape with high adhesion

Product Description

tesa® 4970 is a thick white double-sided self-adhesive tape consisting of a PVC-film backing and a tackified acrylic adhesive.

tesa® 4970 features:

- Excellent combination of high tack and immediate adhesion
- High coating weight for good bonding performance on rough or dusty surfaces
- Suitable for long term applications

Application Fields

- Mounting of plastic and wooden trims
- Mounting of decorative POS materials and displays
- Mounting of 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 | PVC film | • Colour | white |
| • Type of adhesive | tackified acrylic | • Total thickness | 225 µm |

Properties/Performance Values

- | | | | |
|-----------------------------------|-----------|--|-----------|
| • Ageing resistance (UV) | good | • Static shear resistance at 40°C | medium |
| • Chemical resistance | good | • Tack | very good |
| • Elongation at break | 20 % | • Temperature resistance long term duration | 60 °C |
| • Humidity resistance | very good | • Temperature resistance short term duration | 70 °C |
| • Softener resistance | very good | • Tensile strength | 38 N/cm |
| • Static shear resistance at 23°C | good | | |



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Adhesion to Values

• ABS (initial)	13.4 N/cm	• PET (after 14 days)	11.9 N/cm
• ABS (after 14 days)	14.4 N/cm	• PP (initial)	9.7 N/cm
• Aluminium (initial)	11.5 N/cm	• PP (after 14 days)	10.8 N/cm
• Aluminium (after 14 days)	12.6 N/cm	• PS (initial)	14.7 N/cm
• PC (initial)	16.2 N/cm	• PS (after 14 days)	15.2 N/cm
• PC (after 14 days)	16.9 N/cm	• PVC (initial)	12.4 N/cm
• PE (initial)	8.5 N/cm	• PVC (after 14 days)	16.6 N/cm
• PE (after 14 days)	9.1 N/cm	• Steel (initial)	13 N/cm
• PET (initial)	11.5 N/cm	• Steel (after 14 days)	13.6 N/cm

Additional Information

A fingerlift version (extended liner), tesa® 7149, is also available.

Disclaimer

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