

tesa® 4970

Double-sided filmic tape with high adhesion

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 especially:

- Excellent combination of high tack and immediate adhesion
- High coating weight for good bonding performance on rough or dusty surfaces
- Full suitability for longterm applications

Main Application

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

Technical Data

▪ Backing material	PVC film	▪ Tensile strength	38 N/cm
▪ Color	white	▪ Type of liner	glassine
▪ Total thickness	225 µm	▪ Colour of liner	brown
▪ Type of adhesive	tackified acrylic	▪ Thickness of liner	71 µm
▪ Elongation at break	20 %	▪ Weight of liner	82 g/m²

Adhesion to

▪ Steel (initial)	13.0 N/cm	▪ Steel (after 14 days)	13.6 N/cm
▪ ABS (initial)	13.4 N/cm	▪ ABS (after 14 days)	14.4 N/cm
▪ Aluminium (initial)	11.5 N/cm	▪ Aluminium (after 14 days)	12.6 N/cm
▪ PC (initial)	16.2 N/cm	▪ PC (after 14 days)	16.9 N/cm
▪ PE (initial)	8.5 N/cm	▪ PE (after 14 days)	9.1 N/cm
▪ PET (initial)	11.5 N/cm	▪ PET (after 14 days)	11.9 N/cm
▪ PP (initial)	9.7 N/cm	▪ PP (after 14 days)	10.8 N/cm
▪ PS (initial)	14.7 N/cm	▪ PS (after 14 days)	15.2 N/cm
▪ PVC (initial)	12.4 N/cm	▪ PVC (after 14 days)	16.6 N/cm

Properties

▪ Temperature resistance short term	70 °C	▪ Resistance to chemicals	● ● ● ●
▪ Temperature resistance long term	60 °C	▪ Softener resistance	● ● ● ●
▪ Tack	● ● ● ●	▪ Static shear resistance at 23°C	● ● ● ●
▪ Ageing resistance (UV)	● ● ● ●	▪ Static shear resistance at 40°C	● ●
▪ Humidity resistance	● ● ● ●		

Evaluation across relevant tesa® assortment: ● ● ● ● very good ● ● ● good ● ● medium ● low

For latest information on this product please visit <http://l.tesa.com/?ip=04970>

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Additional Information

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

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