

tesa® 4970

Double-sided filmic tape with high adhesion

PRODUCT INFORMATION

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

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	38.3 N/cm
■ Colour	white	■ Type of liner	glassine
■ Total thickness	240 µm	■ Colour of liner	brown
■ Type of adhesive	tackified acrylic	■ Thickness of liner	71 µm
■ Elongation at break	37.5 %	■ Weight of liner	83 g/m ²

Adhesion to

■ Steel (initial)	13.5 N/cm	■ Steel (after 14 days)	14.8 N/cm
■ ABS (initial)	10.9 N/cm	■ ABS (after 14 days)	13.7 N/cm
■ Aluminium (initial)	9.4 N/cm	■ Aluminium (after 14 days)	12.4 N/cm
■ PC (initial)	13.5 N/cm	■ PC (after 14 days)	13.8 N/cm
■ PE (initial)	5.5 N/cm	■ PE (after 14 days)	5.8 N/cm
■ PET (initial)	9.4 N/cm	■ PET (after 14 days)	10.7 N/cm
■ PP (initial)	6.9 N/cm	■ PP (after 14 days)	8.7 N/cm
■ PS (initial)	10.5 N/cm	■ PS (after 14 days)	12.2 N/cm
■ PVC (initial)	9.3 N/cm	■ PVC (after 14 days)	13.5 N/cm

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Properties

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

Evaluation across relevant tesa® assortment: ++ very good, + good, o medium, - low

Additional Info

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

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