

# 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 N/cm
■ Colour	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/m <sup>2</sup>

### Adhesion to

■ Steel (initial)	13 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

■ Tack	+	■ Humidity resistance	++
■ 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	o

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

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#### Additional Info

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

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

Page 2 of 2 / As of 08/20/15