

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

### 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

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

Page 1 of 2 / As of 12/09/12

## tesa® 4970

Double-sided filmic tape with high adhesion

### PRODUCT INFORMATION

#### 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	o
■ Humidity resistance	++		

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

#### 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 12/09/12

#### tesa SE

Quickbornstraße 24  
20253 Hamburg  
Germany  
Phone: +49 (40) 4909 101  
<http://www.tesa.com>

#### tesa tape inc.

5825 Carnegie Boulevard  
Charlotte, N.C. 28209  
United States of America  
Phone: +1 (704) 554 0707  
Fax: +1 (704) 553 5634  
<http://www.tesatape.com>

#### tesa tape Asia Pacific Pte. Ltd.

164 Gul Circle,  
Singapore 629621  
Phone: +65 (68) 612 026  
Fax: +65 (68) 614 790  
<http://www.tesa-asia.com>

tesa® products prove their impressive quality day in, day out in demanding conditions and are regularly subjected to strict controls. All information and recommendations are provided to the best of our knowledge on the basis of our practical experience. Nevertheless tesa SE can make no warranties, express or implied, including, but not limited to any implied warranty of merchantability or fitness for a particular purpose. Therefore, the user is responsible for determining whether the tesa® product is fit for a particular purpose and suitable for the user's method of application. If you are in any doubt, our technical support staff will be glad to advise you.