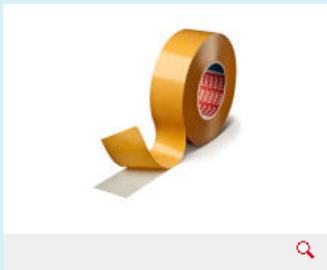


PRODUCT INFORMATION

tesa® 4970

Double-sided filmic tape with high adhesion



Product Features

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
- Suitable for mounting and bonding applications in the appliance industry.

Main Applications

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

- Mounting and bonding in the appliance industry

Technical Data

■ Backing material	PVC film
■ Color	white
■ Total thickness	240 µm 9.4 mils
■ Type of adhesive	tackified acrylic
■ Elongation at break	37.5 %
■ Tensile strength	38.3 N/cm 21.9 lbs/in
■ Type of liner	glassine
■ Color of liner	brown
■ Thickness of liner	71 µm 2.8 mils
■ Weight of liner	83 g/m²

Adhesion to

■ Steel (initial)	13.5 N/cm 123.3 oz/in
■ ABS (initial)	10.9 N/cm 99.6 oz/in
■ Aluminium (initial)	9.4 N/cm 85.9 oz/in
■ PC (initial)	13.5 N/cm 123.3 oz/in
■ PE (initial)	5.5 N/cm 50.2 oz/in
■ PET (initial)	9.4 N/cm 85.9 oz/in
■ PP (initial)	6.9 N/cm 63.0 oz/in
■ PS (initial)	10.5 N/cm 95.9 oz/in
■ PVC (initial)	9.3 N/cm 85.0 oz/in
■ Steel (after 14 days)	14.8 N/cm 135.2 oz/in
■ ABS (after 14 days)	13.7 N/cm 125.2 oz/in
■ Aluminium (after 14 days)	12.4 N/cm 113.3 oz/in
■ PC (after 14 days)	13.8 N/cm 126.1 oz/in
■ PE (after 14 days)	5.8 N/cm 53.0 oz/in
■ PET (after 14 days)	10.7 N/cm

■ PE (after 14 days)	10.1 N/cm 97.8 oz/in
■ PP (after 14 days)	8.7 N/cm 79.5 oz/in
■ PS (after 14 days)	12.2 N/cm 111.5 oz/in
■ PVC (after 14 days)	13.5 N/cm 123.3 oz/in

Properties

■ Static shear resistance at 73,4 °F	+
■ Static shear resistance at 104 °F	o
■ Tack	+
■ Resistance to chemicals	+
■ Ageing resistance (UV)	++
■ Humidity resistance	++
■ Temperature resistance short term	70 °C
■ Temperature resistance long term	60 °C
■ Softener resistance	+

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

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, expressed 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.