

tesa® 4965

205µm double sided transparent filmic tape

PRODUCT INFORMATION

Product Description

tesa® 4965 is a transparent double-sided self-adhesive tape consisting of a PET backing and a tackified acrylic adhesive.

tesa® 4965 features especially:

- Reliable bond even to LSE substrates
- Immediate usability right after assembly
- Suitability for most demanding applications such as heavy stress, high temperatures or critical substrates

Main Application

- Mounting of ABS plastic parts in the car industry
- Self-adhesive mounting of rubber/EPDM profiles
- Mounting of decorative profiles and mouldings in the furniture industry
- Mounting of battery packs, lenses and touch-screens in electronic devices

4965 is recognized according to UL standard 969. UL file: MH 18055

Technical Data

■ Backing material	PET film	■ Type of adhesive	tackified acrylic
■ Colour	transparent	■ Elongation at break	50 %
■ Total thickness	205 µm	■ Tensile strength	20 N/cm

Adhesion to

■ Steel (initial)	11.5 N/cm	■ Steel (after 14 days)	14.0 N/cm
■ ABS (initial)	10.8 N/cm	■ ABS (after 14 days)	11.9 N/cm
■ Aluminium (initial)	10.2 N/cm	■ Aluminium (after 14 days)	12.6 N/cm
■ PC (initial)	12.2 N/cm	■ PC (after 14 days)	13.4 N/cm
■ PE (initial)	5.6 N/cm	■ PE (after 14 days)	6.6 N/cm
■ PET (initial)	9.8 N/cm	■ PET (after 14 days)	11.9 N/cm
■ PP (initial)	6.0 N/cm	■ PP (after 14 days)	8.8 N/cm
■ PS (initial)	10.4 N/cm	■ PS (after 14 days)	12.1 N/cm
■ PVC (initial)	9.6 N/cm	■ PVC (after 14 days)	12.8 N/cm

Properties

■ Temperature resistance short term	200 °C	■ Resistance to chemicals	+
■ Temperature resistance long term	100 °C	■ Softener resistance	+
■ Tack	+	■ Static shear resistance at 23°C	+
■ Ageing resistance (UV)	++	■ Static shear resistance at 40°C	+
■ Humidity resistance	++	■ Tack	+

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

For latest information on this product please visit <http://l.tesa.com/?ip=04965>

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tesa SE

Quickbornstraße 24
20253 Hamburg
Germany
Phone: +49 (40) 4909 101

tesa SE
A Beiersdorf Company

<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.

9 North Buona Vista Drive
#04-01 The Metropolis
Tower 1
Singapore 138588
Tel: +65 6697 9888
Fax: +65 6659 6390
<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.

Additional Info

Liner variants:

PV0 red MOPP-film (80µm; 72g/m²)

PV1 brown glassine paper (71µm; 82g/m²)

This product information applies to PV1

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