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 tackyfied 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)	11.8 N/cm
ABS (initial)	10.3 N/cm	ABS (after 14 days)	12 N/cm
Aluminium (initial)	9.2 N/cm	Aluminium (after 14 days)	10.6 N/cm
PC (initial)	12.6 N/cm	PC (after 14 days)	14 N/cm
PE (initial)	5.8 N/cm	PE (after 14 days)	6.9 N/cm
PET (initial)	9.2 N/cm	PET (after 14 days)	9.5 N/cm
PP (initial)	6.8 N/cm	PP (after 14 days)	7.9 N/cm
PS (initial)	10.6 N/cm	PS (after 14 days)	12 N/cm
PVC (initial)	8.7 N/cm	PVC (after 14 days)	13 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

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A Beiersdorf Company

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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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