productinformation

tesa® 4965

205µm double sided transparent filmic tape

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
Color	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)	12.0 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)	14.0 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)	12.0 N/cm
PVC (initial)	8.7 N/cm	PVC (after 14 days)	13.0 N/cm

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

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tesa® great to work with

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Properties

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

Evaluation across relevant tesa® assortment: ●●●● very good ●●● good ●● medium ● low

Additional Information

Liner variants:
PV0 red MOPP-film (80µm; 72g/m²)
PV1 brown glassine paper (71µm; 82g/m²)
This product information applies to PV1

According to VDA278 analysis, tesa 4965 does not contain any single substances restricted by the drafted GB regulations (China) as well as the indoor concentration guideline by Health, Labour and Welfare Ministry (Japan).

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