tesa® 4962

Product Information

Premium double-sided non-woven tape

Product Description

tesa® 4962 is a double-sided tape consisting of a non-woven backing and a tackified acrylic adhesive.

tesa® 4962 features:

- High adhesion values on different substrates
- Excellent wetting (grabbing) power to rough surfaces
- Excellent temperature resistance

Product Features

- Excellent initial tack and peel adhesion
- Light and aging-resistant acrylic adhesive for long-term applications
- Very good bonding strength, even to low surface energy materials
- Outstanding converting and die-cutting properties
- Highly conformable to follow difficult 3D shapes due to non-woven backing

Application Fields

Mounting of plastic and foam parts, heavy papers, textile and leather

Technical Information (average values)

The values in this section should be considered representative or typical only and should not be used for specification purposes.

Product Construction

Backing material	non-woven	Colour	translucent
Type of adhesive	tackified acrylic	Colour of liner	brown
Type of liner	paper	Thickness of liner	69 µm
Total thickness	160 µm	Weight of liner	80 g/m²

Properties/Performance Values

Elongation at break	3 %	Static shear resistance at 23°C	good, medium
Tensile strength	8 N/cm	Static shear resistance at 40°C	medium
Ageing resistance (UV)	very good	Tack	very good
Chemical resistance	good	Temperature resistance long term duration	80 °C
Fogging	good	Temperature resistance min.	-40 °C
Humidity resistance	very good	Temperature resistance short term duration	200 °C

For latest information on this product please visit http://l.tesa.com/?ip=04962

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Product Information

Adhesion to Values

- ABS (initial) 11 N/cm
- ABS (after 14 days) 12 N/cm
- Aluminium (initial) 10 N/cm
- Aluminium (after 14 days) 10.5 N/cm
- PC (initial) 13 N/cm
- PC (after 14 days) 14 N/cm
- PC (covered side, after 14 days) 14 N/cm
- PE (initial) 6.5 N/cm
- PE (after 14 days) 7 N/cm
- PET (initial) 9.5 N/cm
- PET (after 14 days) 10.5 N/cm
- PP (initial) 8.5 N/cm
- PP (after 14 days) 10 N/cm
- PS (initial) 12 N/cm
- PS (after 14 days) 13 N/cm
- PVC (initial) 11 N/cm
- PVC (after 14 days) 15 N/cm
- Steel (initial) 11.5 N/cm
- Steel (after 14 days) 12 N/cm

Additional Information

Liner variants:
PV0 brown glassine paper (71 µm)
PV4 white PE-coated paper (122 µm)
PV6 red MOPP-film (80 µm)

Disclaimer

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