tesa® 62505

Product Information

500 µm double sided PE foam tape

Product Description

tesa® 62505 is a double sided PE foam tape for lightweight mounting applications. It consists of a highly conformable PE foam backing and a tackified acrylic adhesive.

Product Features

- Thin foam backing for an invisible design gap
- Skin contact certification according to ISO 10993-5 and ISO 10993-10
- High ultimate adhesion level for a reliable bonding performance
- Soft, conformable foam adapting to structured surfaces
- Fully outdoor suitable: UV, water and ageing resistant
- Suitable for manual and automatic application processes

Application Fields

Mounting of decorative trims and profiles

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	PE foam
Type of adhesive	tackified acrylic
Type of liner	glassine
Total thickness	500 µm
Color	black/white

Properties/Performance Values

Elongation at break	150 %
Tensile strength	5 N/cm
Ageing resistance (UV)	very good
Static shear resistance at 23°C	good
Static shear resistance at 40°C	good
Tack	good
Temperature resistance long term	80 °C
Temperature resistance short term	80 °C

For latest information on this product please visit http://l.tesa.com/?ip=62505

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Adhesion to Values

- ABS (initial) 3 N/cm
- ABS (after 14 days) 9.5 N/cm
- Aluminium (initial) 5 N/cm
- Aluminium (after 14 days) 9.5 N/cm
- PC (initial) 5 N/cm
- PC (after 14 days) 9.5 N/cm
- PE (initial) 0.9 N/cm
- PE (after 14 days) 1.2 N/cm
- PET (initial) 3 N/cm
- PET (after 14 days) 9.5 N/cm
- PP (initial) 0.9 N/cm
- PP (after 14 days) 1.2 N/cm
- PVC (initial) 2 N/cm
- PVC (after 14 days) 9.5 N/cm
- Steel (initial) 8.5 N/cm
- Steel (after 14 days) 9.5 N/cm

Additional Information

Liner variants:

- PV0 brown glassine paper (71 µm)
- PV6 red transparent PP film (80 µm)

Peel Adhesion:

- after 14 days: foam splitting on Steel, Aluminium, ABS, PS, PET, PVC

Disclaimer

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