



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 benefits:

- Thin foam backing for an invisible design gap
- 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

Product Features

- Thin foam backing for an invisible design gap
- 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 material | PE foam | • Total thickness | 500 µm |
| • Type of adhesive | tackified acrylic | • Colour | black/white |

Properties/Performance Values

- | | | | |
|--------------------------|-----------|--|--------------|
| • Elongation at break | 150 % | • Static shear resistance at 23°C | good, medium |
| • Tensile strength | 5 N/cm | • Static shear resistance at 40°C | good, medium |
| • Ageing resistance (UV) | very good | • Tack | good, medium |
| • Humidity resistance | very good | • Temperature resistance long term duration | 80 °C |
| • Softener resistance | medium | • Temperature resistance short term duration | 80 °C |

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



tesa[®] 62505

Product Information

Adhesion to Values

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

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 support you.



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