

tesa® 4961

Product Information



Double-sided tape with paper backing

Product Description

tesa® 4961 consists of a natural rubber adhesive and special paper backing. The "hard" adhesive system provides good shear resistance and can also be removed without leaving adhesive residues.

Application Fields

- Splicing of paper and film
- Self-adhesive mounting of sanding discs
- General mounting on smooth surfaces

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 | flat paper | • Total thickness | 205 µm |
| • Type of adhesive | natural rubber | • Color | white |
| • Type of liner | glassine | • Color of liner | brown |

Properties/Performance Values

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|--------------------------|-------------|-------------------------------------|-----------|
| • Elongation at break | 3 % | • Softener resistance | medium |
| • Tensile strength | 48 N/cm | • Static shear resistance at 40°C | very good |
| | 27.4 lbs/in | • Tack | good |
| • Ageing resistance (UV) | medium | • Temperature resistance long term | 40 °C |
| • Chemical Resistance | medium | | 104 °F |
| • Humidity resistance | medium | • Temperature resistance short term | 110 °C |
| | | | 230 °F |

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Adhesion to Values

• ABS (initial)	4.5 N/cm 41.1 oz/in	• PET (after 14 days)	4.5 N/cm 41.1 oz/in
• ABS (after 14 days)	5.1 N/cm 46.6 oz/in	• PP (initial)	4.6 N/cm 42 oz/in
• Aluminium (initial)	4.2 N/cm 38.4 oz/in	• PP (after 14 days)	5 N/cm 45.7 oz/in
• Aluminium (after 14 days)	4.5 N/cm 41.1 oz/in	• PS (initial)	4.7 N/cm 42.9 oz/in
• PC (initial)	5.2 N/cm 47.5 oz/in	• PS (after 14 days)	5.5 N/cm 50.2 oz/in
• PC (after 14 days)	5.1 N/cm 46.6 oz/in	• PVC (initial)	3.8 N/cm 34.7 oz/in
• PE (initial)	3.4 N/cm 31.1 oz/in	• PVC (after 14 days)	4.5 N/cm 41.1 oz/in
• PE (after 14 days)	3.3 N/cm 30.1 oz/in	• Steel (initial)	5.2 N/cm 47.5 oz/in
• PET (initial)	4.3 N/cm 39.3 oz/in	• Steel (after 14 days)	5.3 N/cm 48.4 oz/in

Disclaimer

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