

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.

Applications

- | | | | |
|--------------------|----------------|-------------------|--------|
| • 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 |
| • Ageing resistance (UV) | medium | • Tack | good |
| • Chemical Resistance | medium | • Temperature resistance long term | 40 °C |
| • Humidity resistance | medium | • Temperature resistance short term | 110 °C |

Adhesion to Values

- | | | | |
|-----------------------------|----------|-------------------------|----------|
| • ABS (initial) | 4.5 N/cm | • PET (after 14 days) | 4.5 N/cm |
| • ABS (after 14 days) | 5.1 N/cm | • PP (initial) | 4.6 N/cm |
| • Aluminium (initial) | 4.2 N/cm | • PP (after 14 days) | 5 N/cm |
| • Aluminium (after 14 days) | 4.5 N/cm | • PS (initial) | 4.7 N/cm |
| • PC (initial) | 5.2 N/cm | • PS (after 14 days) | 5.5 N/cm |
| • PC (after 14 days) | 5.1 N/cm | • PVC (initial) | 3.8 N/cm |
| • PE (initial) | 3.4 N/cm | • PVC (after 14 days) | 4.5 N/cm |
| • PE (after 14 days) | 3.3 N/cm | • Steel (initial) | 5.2 N/cm |
| • PET (initial) | 4.3 N/cm | • Steel (after 14 days) | 5.3 N/cm |

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