

# 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

- |                          |             |                                     |           |
|--------------------------|-------------|-------------------------------------|-----------|
| • 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)             | 6 N/cm<br>54.8 oz/in   | • PET (after 14 days)   | 5.8 N/cm<br>53 oz/in   |
| • ABS (after 14 days)       | 6.6 N/cm<br>60.3 oz/in | • PP (initial)          | 5.4 N/cm<br>49.3 oz/in |
| • Aluminium (initial)       | 6.1 N/cm<br>55.7 oz/in | • PP (after 14 days)    | 6.7 N/cm<br>61.2 oz/in |
| • Aluminium (after 14 days) | 6.6 N/cm<br>60.3 oz/in | • PS (initial)          | 7 N/cm<br>64 oz/in     |
| • PC (initial)              | 5.5 N/cm<br>50.2 oz/in | • PS (after 14 days)    | 7.7 N/cm<br>70.3 oz/in |
| • PC (after 14 days)        | 7.5 N/cm<br>68.5 oz/in | • PVC (initial)         | 6.2 N/cm<br>56.6 oz/in |
| • PE (initial)              | 3.9 N/cm<br>35.6 oz/in | • PVC (after 14 days)   | 6.3 N/cm<br>57.6 oz/in |
| • PE (after 14 days)        | 4.1 N/cm<br>37.5 oz/in | • Steel (initial)       | 5.2 N/cm<br>47.5 oz/in |
| • PET (initial)             | 5.7 N/cm<br>52.1 oz/in | • Steel (after 14 days) | 8 N/cm<br>73.1 oz/in   |

### Disclaimer

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For latest information on this product please visit <http://l.tesa.com/?ip=4961>