



# tesa<sup>®</sup> 51970

## Product Information



## Sustainable Aspects



For more information: <https://www.tesa.com/product-sustainability>

## 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          | PP film           | • Total thickness | 220 µm      |
| • Type of adhesive | tackified acrylic | • Color           | transparent |

## Properties/Performance Values

- |                          |           |                                     |           |
|--------------------------|-----------|-------------------------------------|-----------|
| • Elongation at break    | 150 %     | • Static shear resistance at 23°C   | good      |
| • Tensile strength       | 50 N/cm   | • Static shear resistance at 40°C   | good      |
| • Ageing resistance (UV) | good      | • Tack                              | very good |
| • Chemical Resistance    | good      | • Temperature resistance long term  | 80 °C     |
| • Humidity resistance    | very good | • Temperature resistance min.       | -40 °C    |
| • Softener resistance    | good      | • Temperature resistance short term | 130 °C    |

## Adhesion to Values

- |                             |           |                         |           |
|-----------------------------|-----------|-------------------------|-----------|
| • ABS (initial)             | 12.5 N/cm | • PET (after 14 days)   | 11.5 N/cm |
| • ABS (after 14 days)       | 14.5 N/cm | • PP (initial)          | 8.5 N/cm  |
| • Aluminium (initial)       | 11.5 N/cm | • PP (after 14 days)    | 10 N/cm   |
| • Aluminium (after 14 days) | 12.5 N/cm | • PS (initial)          | 13 N/cm   |
| • PC (initial)              | 15 N/cm   | • PS (after 14 days)    | 14.5 N/cm |
| • PC (after 14 days)        | 16.5 N/cm | • PVC (initial)         | 11.5 N/cm |
| • PE (initial)              | 7 N/cm    | • PVC (after 14 days)   | 17.5 N/cm |
| • PE (after 14 days)        | 8 N/cm    | • Steel (initial)       | 13 N/cm   |
| • PET (initial)             | 11 N/cm   | • Steel (after 14 days) | 13.5 N/cm |



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## Product Information

### Disclaimer

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For latest information on this product please visit <http://l.tesa.com/?ip=51970>