



tesa[®] 4972

Product Information



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 | PET film | • Total thickness | 48 µm |
| • Type of adhesive | tackified acrylic | • Color | transparent |

Properties/Performance Values

- | | | | |
|--------------------------|-----------|-------------------------------------|-----------|
| • Elongation at break | 50 % | • Static shear resistance at 23°C | good |
| • Tensile strength | 20 N/cm | • Static shear resistance at 40°C | good |
| • Ageing resistance (UV) | good | • Tack | very good |
| • Chemical Resistance | good | • Temperature resistance long term | 100 °C |
| • Humidity resistance | very good | • Temperature resistance short term | 200 °C |
| • Softener resistance | good | | |

Adhesion to Values

- | | | | |
|-----------------------------|----------|-------------------------|----------|
| • ABS (initial) | 5.3 N/cm | • PET (after 14 days) | 7 N/cm |
| • ABS (after 14 days) | 6.5 N/cm | • PP (initial) | 3 N/cm |
| • Aluminium (initial) | 5.2 N/cm | • PP (after 14 days) | 4.8 N/cm |
| • Aluminium (after 14 days) | 7.7 N/cm | • PS (initial) | 5.4 N/cm |
| • PC (initial) | 6.5 N/cm | • PS (after 14 days) | 7.1 N/cm |
| • PC (after 14 days) | 8.6 N/cm | • PVC (initial) | 5.7 N/cm |
| • PE (initial) | 3.1 N/cm | • PVC (after 14 days) | 9.4 N/cm |
| • PE (after 14 days) | 3.5 N/cm | • Steel (initial) | 7 N/cm |
| • PET (initial) | 5.3 N/cm | • Steel (after 14 days) | 9.6 N/cm |



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