



tesa[®] 4962

Product Information



Premium double-sided non-woven tape

Product Description

tesa[®] 4962 is a double-sided tape consisting of a non-woven backing and a tackified acrylic adhesive.

tesa[®] 4962 features:

- High adhesion values on different substrates
- Excellent wetting (grabbing) power to rough surfaces
- Excellent temperature resistance

Application Fields

Mounting of plastic and foam parts, heavy papers, textile and leather

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 | non-woven | • Color | translucent |
| • Type of adhesive | tackified acrylic | • Color of liner | brown |
| • Type of liner | paper | • Thickness of liner | 69 µm |
| • Total thickness | 160 µm | • Weight of liner | 80 g/m ² |

Properties/Performance Values

- | | | | |
|-----------------------------------|-----------|-------------------------------------|-----------|
| • Elongation at break | 3 % | • Static shear resistance at 40°C | medium |
| • Tensile strength | 8 N/cm | • Tack | very good |
| • Ageing resistance (UV) | very good | • Temperature resistance long term | 80 °C |
| • Chemical Resistance | good | • Temperature resistance min. | -40 °C |
| • Humidity resistance | very good | • Temperature resistance short term | 200 °C |
| • Static shear resistance at 23°C | good | | |



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Adhesion to Values

• ABS (initial)	11 N/cm	• PET (after 14 days)	10.5 N/cm
• ABS (after 14 days)	12 N/cm	• PP (initial)	8.5 N/cm
• Aluminium (initial)	10 N/cm	• PP (after 14 days)	10 N/cm
• Aluminium (after 14 days)	10.5 N/cm	• PS (initial)	12 N/cm
• PC (initial)	13 N/cm	• PS (after 14 days)	13 N/cm
• PC (after 14 days)	14 N/cm	• PVC (initial)	11 N/cm
• PC (covered side, after 14 days)	14 N/cm	• PVC (after 14 days)	15 N/cm
• PE (initial)	6.5 N/cm	• Steel (initial)	11.5 N/cm
• PE (after 14 days)	7 N/cm	• Steel (after 14 days)	12 N/cm
• PET (initial)	9.5 N/cm		

Additional Information

Liner variants:

PV0 brown glassine paper (71 µm)

PV4 white PE-coated paper (122 µm)

PV6 red MOPP-film (80 µm)

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