



tesa[®] 4900

Product Information



Acrylic transfer tape

Product Description

tesa[®] 4900 consists of a transparent pure acrylic adhesive.

Product Features

- The adhesive is transparent, ageing resistant and has a high initial tack.
- tesa[®] 4900 also withstands elevated temperatures.

Application Fields

- Splicing of paper and filmic webs, particularly flying splices
- Mounting of displays and posters

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 | none | • Color of liner | brown |
| • Type of adhesive | acrylic | • Thickness of liner | 71 µm |
| • Type of liner | glassine | • Weight of liner | 80 g/m ² |
| • Total thickness | 50 µm | | |

Properties/Performance Values

- | | | | |
|-----------------------------------|-----------|-------------------------------------|-----------|
| • Ageing resistance (UV) | very good | • Static shear resistance at 40°C | medium |
| • Chemical Resistance | very good | • Tack | very good |
| • Humidity resistance | good | • Temperature resistance long term | 80 °C |
| • Softener resistance | medium | • Temperature resistance short term | 200 °C |
| • Static shear resistance at 23°C | medium | | |



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Adhesion to Values

• ABS (initial)	2.9 N/cm	• PET (after 14 days)	3.7 N/cm
• ABS (after 14 days)	4.6 N/cm	• PP (initial)	1.3 N/cm
• Aluminium (initial)	2.7 N/cm	• PP (after 14 days)	2.6 N/cm
• Aluminium (after 14 days)	3.1 N/cm	• PS (initial)	3.1 N/cm
• PC (initial)	3.1 N/cm	• PS (after 14 days)	3.8 N/cm
• PC (after 14 days)	5 N/cm	• PVC (initial)	2.7 N/cm
• PE (initial)	0.8 N/cm	• PVC (after 14 days)	5.6 N/cm
• PE (after 14 days)	1 N/cm	• Steel (initial)	3.4 N/cm
• PET (initial)	2.4 N/cm	• Steel (after 14 days)	3.8 N/cm

Disclaimer

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