



tesa[®] 51964

Product Information

Double-sided non-woven tape

Product Description

tesa[®] 4959 PV36 is a double-sided double-lined mounting and splicing tape equipped with a non-woven backing and coated with an acrylic adhesive of high tack and good shear strength. It is UV and ageing resistant and largely resistant to plasticizers. Due to its glassine double liner it is suitable for die-cutting processes.

Application Fields

- Mounting of signs, covers and nameplates
- * Mounting of door linings in the car industry
- * Mounting of plastic bags, dispatch bags, continuous stationery, posters etc.
- * Splicing of paper and film webs

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

- | | | | |
|--------------------|---------------------|----------------------|-------------|
| • Type of liner | paper | • Total thickness | 125 µm |
| • Weight of liner | 80 g/m ² | • Color | transparent |
| • Backing material | PET film | • Thickness of liner | 69 µm |
| • Type of adhesive | tackified acrylic | | |

Properties/Performance Values

- | | | | |
|--------------------------|-----------|-------------------------------------|-----------|
| • Elongation at break | 50 % | • Static shear resistance at 23°C | good |
| • Tensile strength | 20 N/cm | • Tack | very good |
| • Ageing resistance (UV) | 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 |
| • Softener resistance | good | | |



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Adhesion to Values

• ABS (initial)	8 N/cm	• PET (after 14 days)	8 N/cm
• ABS (after 14 days)	9.5 N/cm	• PP (initial)	4.5 N/cm
• Aluminium (initial)	8 N/cm	• PP (after 14 days)	6 N/cm
• Aluminium (after 14 days)	11 N/cm	• PS (initial)	8.5 N/cm
• PC (initial)	10 N/cm	• PS (after 14 days)	9 N/cm
• PC (after 14 days)	11 N/cm	• PVC (initial)	7 N/cm
• PE (initial)	4.5 N/cm	• PVC (after 14 days)	10 N/cm
• PE (after 14 days)	5 N/cm	• Steel (initial)	11 N/cm
• PET (initial)	7 N/cm	• Steel (after 14 days)	12.5 N/cm

Additional Information

According to VDA278 analysis, tesa 4959 does not contain any single substances restricted by the drafted GB regulations (China) as well as the indoor concentration guideline by Health, Labor and Welfare Ministry (Japan).

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