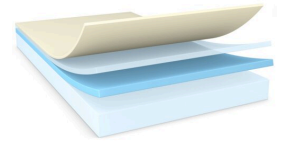




tesa[®] 4720

Product Information



Double-sided filmic tape with differential adhesive system

Product Description

tesa[®] 4720 is a double-sided self-adhesive tape consisting of a transparent PET-film backing with different acrylic adhesive coat weights.

tesa[®] 4720 features especially:

- Open side: high adhesion level / secure bond of different substrates
- Covered side: low adhesion level / residue free removability from different substrates

Product Features

- Open side: high adhesion level / secure bond of different substrates
- Covered side: low adhesion level / residue free removability from different substrates

Application Fields

- Mounting of LCD panel and backlight unit

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 material | PET film | • Colour of liner | yellow |
| • Type of adhesive | tackified acrylic | • Thickness of liner | 78 µm |
| • Type of liner | glassine | • Type of adhesive (covered side) | acrylic |
| • Total thickness | 100 µm | • Weight of liner | 92 g/m ² |
| • Colour | transparent | | |

Properties/Performance Values

- | | | | |
|-----------------------------------|--------------|--|--------|
| • Elongation at break | 60 % | • Static shear resistance at 40°C | low |
| • Tensile strength | 40 N/cm | • Tack | medium |
| • Humidity resistance | low | • Temperature resistance long term duration | 80 °C |
| • Softener resistance | medium | • Temperature resistance short term duration | 200 °C |
| • Static shear resistance at 23°C | good, medium | | |



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Adhesion to Values

• ABS (initial)	7.1 N/cm	• PET (covered side, after 14 days)	2.8 N/cm
• ABS (after 14 days)	10.2 N/cm	• PET (covered side, initial)	1.8 N/cm
• ABS (covered side, after 14 days)	4.7 N/cm	• PP (initial)	3.8 N/cm
• ABS (covered side, initial)	2.7 N/cm	• PP (after 14 days)	5.3 N/cm
• Aluminium (initial)	7.5 N/cm	• PP (covered side, after 14 days)	1.6 N/cm
• Aluminium (after 14 days)	9.2 N/cm	• PP (covered side, initial)	1.3 N/cm
• Alu (covered side, after 14 days)	4.8 N/cm	• PS (initial)	8.4 N/cm
• Aluminium (covered side, initial)	1.7 N/cm	• PS (after 14 days)	11 N/cm
• PC (initial)	10.7 N/cm	• PS (covered side, after 14 days)	3.6 N/cm
• PC (after 14 days)	12 N/cm	• PS (covered side, initial)	2.2 N/cm
• PC (covered side, after 14 days)	5.2 N/cm	• PVC (initial)	8.6 N/cm
• PC (covered side, initial)	2.8 N/cm	• PVC (after 14 days)	11.5 N/cm
• PE (initial)	3.9 N/cm	• PVC (covered side, after 14 days)	5.3 N/cm
• PE (after 14 days)	4.9 N/cm	• PVC (covered side, initial)	3.6 N/cm
• PE (covered side, after 14 days)	1.1 N/cm	• Steel (initial)	8.5 N/cm
• PE (covered side, initial)	0.7 N/cm	• Steel (after 14 days)	12.9 N/cm
• PET (initial)	7 N/cm	• Steel (covered side, after 14 days)	5.7 N/cm
• PET (after 14 days)	6.8 N/cm	• Steel (covered side, initial)	4 N/cm

Disclaimer

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