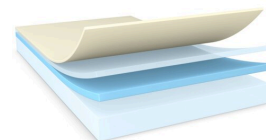




tesa® 4720

Product Information



Double-sided filmic tape with differential adhesion level

Product Description

tesa® 4720 is a double-sided self-adhesive tape consisting of a transparent PET-film backing with two different acrylic adhesives.

tesa® 4720 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 | PET film | • Color of liner | yellow |
| • Type of adhesive | tackified acrylic | • Thickness of liner | 78 µm |
| • Type of liner | glassine | | 3.1 mils |
| • Total thickness | 100 µm | • Type of adhesive (covered side) | acrylic |
| | 3.9 mils | • Weight of liner | 92 g/m ² |
| • Color | transparent | | |

Properties/Performance Values

- | | | | |
|-----------------------------------|-------------|-------------------------------------|--------|
| • Elongation at break | 60 % | • Static shear resistance at 40°C | low |
| • Tensile strength | 40 N/cm | • Tack | medium |
| | 22.8 lbs/in | • Temperature resistance long term | 80 °C |
| • Humidity resistance | low | | 176 °F |
| • Softener resistance | medium | • Temperature resistance short term | 200 °C |
| • Static shear resistance at 23°C | good | | 392 °F |



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Adhesion to Values

• ABS (initial)	7.1 N/cm 64.9 oz/in	• PET (covered side, after 14 days)	2.8 N/cm 25.6 oz/in
• ABS (after 14 days)	10.2 N/cm 93.2 oz/in	• PET (covered side, initial)	1.8 N/cm 16.4 oz/in
• ABS (covered side, after 14 days)	4.7 N/cm 42.9 oz/in	• PP (initial)	3.8 N/cm 34.7 oz/in
• ABS (covered side, initial)	2.7 N/cm 24.7 oz/in	• PP (after 14 days)	5.3 N/cm 48.4 oz/in
• Aluminium (initial)	7.5 N/cm 68.5 oz/in	• PP (covered side, after 14 days)	1.6 N/cm 14.6 oz/in
• Aluminium (after 14 days)	9.2 N/cm 84.1 oz/in	• PP (covered side, initial)	1.3 N/cm 11.9 oz/in
• Aluminium (covered side, after 14 days)	4.8 N/cm 43.9 oz/in	• PS (initial)	8.4 N/cm 76.7 oz/in
• Aluminium (covered side, initial)	1.7 N/cm 15.5 oz/in	• PS (after 14 days)	11 N/cm 100.5 oz/in
• PC (initial)	10.7 N/cm 97.8 oz/in	• PS (covered side, after 14 days)	3.6 N/cm 32.9 oz/in
• PC (after 14 days)	12 N/cm 109.6 oz/in	• PS (covered side, initial)	2.2 N/cm 20.1 oz/in
• PC (covered side, after 14 days)	5.2 N/cm 47.5 oz/in	• PVC (initial)	8.6 N/cm 78.6 oz/in
• PC (covered side, initial)	2.8 N/cm 25.6 oz/in	• PVC (after 14 days)	11.5 N/cm 105.1 oz/in
• PE (initial)	3.9 N/cm 35.6 oz/in	• PVC (covered side, after 14 days)	5.3 N/cm 48.4 oz/in
• PE (after 14 days)	4.9 N/cm 44.8 oz/in	• PVC (covered side, initial)	3.6 N/cm 32.9 oz/in
• PE (covered side, after 14 days)	1.1 N/cm 10 oz/in	• Steel (initial)	8.5 N/cm 77.7 oz/in
• PE (covered side, initial)	0.7 N/cm 6.4 oz/in	• Steel (after 14 days)	12.9 N/cm 117.9 oz/in
• PET (initial)	7 N/cm 64 oz/in	• Steel (covered side, after 14 days)	5.7 N/cm 52.1 oz/in
• PET (after 14 days)	6.8 N/cm 62.1 oz/in	• Steel (covered side, initial)	4 N/cm 36.5 oz/in



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Disclaimer

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For latest information on this product please visit <http://l.tesa.com/?ip=04720>