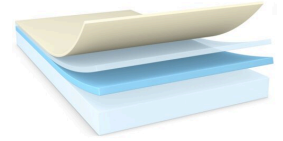




# tesa® 4720

## 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

### 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          | 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 <sup>2</sup> |
| • 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 |



# tesa<sup>®</sup> 4720

## Product Information

### 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



# tesa<sup>®</sup> 4720

## Product Information

### Disclaimer

tesa<sup>®</sup> products prove their impressive quality day in, day out in demanding conditions and are regularly subjected to strict controls. All information and recommendations are provided to the best of our knowledge on the basis of our practical experience. Nevertheless tesa SE can make no warranties, express or implied, including, but not limited to any implied warranty of merchantability or fitness for a particular purpose. Therefore, the user is responsible for determining whether the tesa<sup>®</sup> product is fit for a particular purpose and suitable for the user's method of application. If you are in any doubt, our technical support staff will be glad to support you.



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