

## Product Information

100µm double sided transparent removable filmic tape

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

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

### Main Application

- 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.

#### Technical Data

• Backing material	PET film	• Tensile strength	40 N/cm
• Color	transparent	• Type of liner	glassine
• Total thickness	100 µm	• Color of liner	yellow
• Type of adhesive	tackified acrylic	• Thickness of liner	78 µm
• Type of adhesive (covered side)	acrylic	• Weight of liner	92 g/m <sup>2</sup>
• Elongation at break	60 %		

#### Adhesion to

• Steel (initial)	8.5 N/cm	• Steel (after 14 days)	12.9 N/cm
• Steel (covered side, initial)	4.0 N/cm	• Steel (covered side, after 14 days)	5.7 N/cm
• ABS (initial)	7.1 N/cm	• ABS (after 14 days)	10.2 N/cm
• ABS (covered side, initial)	2.7 N/cm	• ABS (covered side, after 14 days)	4.7 N/cm
• Aluminium (initial)	7.5 N/cm	• Aluminium (after 14 days)	9.2 N/cm
• Aluminium (covered side, initial)	1.7 N/cm	• Alu (covered side, after 14 days)	4.8 N/cm
• PC (initial)	10.7 N/cm	• PC (after 14 days)	12.0 N/cm
• PC (covered side, initial)	2.8 N/cm	• PC (covered side, after 14 days)	5.2 N/cm
• PE (initial)	3.9 N/cm	• PE (after 14 days)	4.9 N/cm
• PE (covered side, initial)	0.7 N/cm	• PE (covered side, after 14 days)	1.1 N/cm
• PET (initial)	7.0 N/cm	• PET (after 14 days)	6.8 N/cm
• PET (covered side, initial)	1.8 N/cm	• PET (covered side, after 14 days)	2.8 N/cm
• PP (initial)	3.8 N/cm	• PP (after 14 days)	5.3 N/cm
• PP (covered side, initial)	1.3 N/cm	• PP (covered side, after 14 days)	1.6 N/cm
• PS (initial)	8.4 N/cm	• PS (after 14 days)	11.0 N/cm
• PS (covered side, initial)	2.2 N/cm	• PS (covered side, after 14 days)	3.6 N/cm
• PVC (initial)	8.6 N/cm	• PVC (after 14 days)	11.5 N/cm
• PVC (covered side, initial)	3.6 N/cm	• PVC (covered side, after 14 days)	5.3 N/cm

# tesa® 4720



## Product Information

### Properties

- |                                     |        |                                   |     |
|-------------------------------------|--------|-----------------------------------|-----|
| • Temperature resistance short term | 200 °C | • Softener resistance             | ●●  |
| • Temperature resistance long term  | 80 °C  | • Static shear resistance at 23°C | ●●● |
| • Tack                              | ●●     | • Static shear resistance at 40°C | ●   |
| • Humidity resistance               | ●      |                                   |     |

Evaluation across relevant tesa® assortment: ●●●● very good ●●● good ●● medium ● low

### Disclaimer

tesa® 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® 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.



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