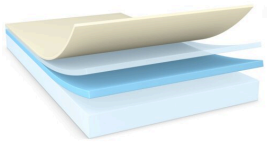
tesa® 4720

Product Information



100µm double sided transparent removable filmic tape

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

Properties/Performance Values

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

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

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Product Information

Adhesion to Values

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

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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