

tesa® 4720

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 Data

▪ Backing material	PET film	▪ Tensile strength	40 N/cm
▪ Color	transparent	▪ Type of liner	glassine
▪ Total thickness	100 µm	▪ Colour 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 ²
▪ 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

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

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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

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