

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.

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	•	Type of adhesive (covered side)	acrylic
•	Total thickness	100 μm	•	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
•	Humidity resistance	low	•	Temperature resistance long	80 °C
•	Softener resistance	medium		term	
•	Static shear resistance at 23°C	good	•	Temperature resistance short	200 °C
				term	



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Adhesion to Values

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

Disclaimer

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