



# tesa<sup>®</sup> 4962

## Product Information



Premium double-sided non-woven tape

### Product Description

tesa<sup>®</sup> 4962 is a double-sided tape consisting of a non-woven backing and a tackified acrylic adhesive.

tesa<sup>®</sup> 4962 features especially:

- High adhesion values on different substrates
- Excellent wetting (grabbing) power to rough surfaces
- Excellent temperature resistance performance

### Product Features

- Skin contact certification according to ISO 10993-5 and ISO 10993-10
- Reliable bond, often also on low surface energy surfaces
- Light and aging-resistant acrylic adhesive for long-term applications
- Excellent initial tack and peel adhesion
- Good converting and die-cutting properties
- Highly conformable to follow difficult 3D shapes due to non-woven backing

### Application Fields

Mounting of plastic and foam parts, heavy papers, textile and leather

### 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	non-woven	• Color	translucent
• Type of adhesive	tackified acrylic	• Color of liner	brown
• Type of liner	paper	• Thickness of liner	69 µm
• Total thickness	160 µm 6.3 mils	• Weight of liner	2.7 mils 80 g/m <sup>2</sup>



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### Properties/Performance Values

• Elongation at break	3 %	• Static shear resistance at 23°C	good
• Tensile strength	8 N/cm	• Static shear resistance at 40°C	medium
	4.6 lbs/in	• Tack	very good
• Ageing resistance (UV)	very good	• Temperature resistance long term	80 °C
• Chemical Resistance	good		176 °F
• Fogging	good	• Temperature resistance min.	-40 °C
• Humidity resistance	very good		-40 °F
		• Temperature resistance short term	200 °C
			392 °F

### Adhesion to Values

• ABS (initial)	11 N/cm	• PET (after 14 days)	10.5 N/cm
	100.5 oz/in		95.9 oz/in
• ABS (after 14 days)	12 N/cm	• PP (initial)	8.5 N/cm
	109.6 oz/in		77.7 oz/in
• Aluminium (initial)	10 N/cm	• PP (after 14 days)	10 N/cm
	91.4 oz/in		91.4 oz/in
• Aluminium (after 14 days)	10.5 N/cm	• PS (initial)	12 N/cm
	95.9 oz/in		109.6 oz/in
• PC (initial)	13 N/cm	• PS (after 14 days)	13 N/cm
	118.8 oz/in		118.8 oz/in
• PC (after 14 days)	14 N/cm	• PVC (initial)	11 N/cm
	127.9 oz/in		100.5 oz/in
• PC (covered side, after 14 days)	14 N/cm	• PVC (after 14 days)	15 N/cm
	127.9 oz/in		137 oz/in
• PE (initial)	6.5 N/cm	• Steel (initial)	11.5 N/cm
	59.4 oz/in		105.1 oz/in
• PE (after 14 days)	7 N/cm	• Steel (after 14 days)	12 N/cm
	64 oz/in		109.6 oz/in
• PET (initial)	9.5 N/cm		
	86.8 oz/in		

### Additional Information

Liner variants:

PV0 brown glassine paper (71 µm/2.8 mils)

According to VDA278 analysis, tesa 4962 does not contain any single substances restricted by the drafted GB regulations (China) as well as the indoor concentration guideline by Health, Labour and Welfare Ministry (Japan).



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### Disclaimer

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For latest information on this product please visit <http://l.tesa.com/?ip=04962>