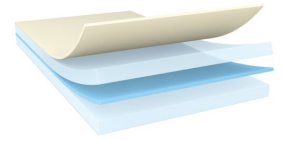


tesa® 4942

Product Information



140µm d/s filmic tape

Product Description

tesa® 4942 is a double sided self-adhesive tape consisting of a transparent PET backing and a tackified acrylic adhesive.

tesa® 4942 features:

- Thickness: 140µm
- High bonding strength and shear resistance
- Very good handling performance in converting processes
- Excellent resistance to demanding environmental conditions

Application Fields

- Lens mounting in mobile phones
- Antenna mounting

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	transparent
• Type of adhesive	tackified acrylic	• Color of liner	brown
• Type of liner	glassine	• Thickness of liner	71 µm
• Total thickness	140 µm		2.8 mils
	5.5 mils	• Weight of liner	82 g/m ²

Properties/Performance Values

• Elongation at break	50 %	• Static shear resistance at 23°C	good
• Tensile strength	20 N/cm	• Tack	medium
	11.4 lbs/in	• Temperature resistance long term	100 °C
• Ageing resistance (UV)	very good		212 °F
• Humidity resistance	very good	• Temperature resistance short term	200 °C
			392 °F

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Product Information

Adhesion to Values

• ABS (initial)	8.9 N/cm 81.3 oz/in	• PE (initial)	5 N/cm 45.7 oz/in
• ABS (after 14 days)	9.8 N/cm 89.5 oz/in	• PE (after 14 days)	5.6 N/cm 51.2 oz/in
• PC (initial)	10.8 N/cm 98.7 oz/in	• Steel (initial)	11.8 N/cm 107.8 oz/in
• PC (after 14 days)	12.1 N/cm 110.5 oz/in	• Steel (after 14 days)	13 N/cm 118.8 oz/in

Disclaimer

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For latest information on this product please visit <http://l.tesa.com/?ip=4942>