



# tesa® 68747

## Product Information

100µm d/s black filmic tape

### Product Description

tesa® 68747 is a black double-sided self-adhesive tape consisting of a PET backing and a tackified acrylic adhesive.

tesa® 68747 features:

- Thickness: 100µm
- High bonding strength
- High resistance to demanding environmental conditions
- Good handling performance in converting processes
- Black color

### Application Fields

tesa® 68747 is used for general mounting and laminating applications especially in the electronics industry.

### 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	black
• Type of adhesive	tackified acrylic	• Color of liner	yellow
• Type of liner	glassine	• Thickness of liner	71 µm
• Total thickness	100 µm	• Weight of liner	82 g/m <sup>2</sup>
	3.9 mils		

### Properties/Performance Values

• Elongation at break	50 %	• Static shear resistance at 23°C	good
• Tensile strength	20 N/cm	• Tack	good
	11.4 lbs/in	• Temperature resistance long term	80 °C
• Ageing resistance (UV)	very good		176 °F
• Humidity resistance	good	• Temperature resistance short term	150 °C
• Softener resistance	good		302 °F



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### Adhesion to Values

• ABS (initial)	7.6 N/cm 69.4 oz/in	• PET (initial)	6.9 N/cm 63 oz/in
• ABS (after 14 days)	7.2 N/cm 65.8 oz/in	• PET (after 14 days)	7.5 N/cm 68.5 oz/in
• Aluminium (initial)	5.8 N/cm 53 oz/in	• PP (initial)	4.2 N/cm 38.4 oz/in
• Aluminium (after 14 days)	8.8 N/cm 80.4 oz/in	• PP (after 14 days)	6.6 N/cm 60.3 oz/in
• PC (initial)	9.9 N/cm 90.4 oz/in	• PVC (initial)	7.9 N/cm 72.2 oz/in
• PC (after 14 days)	12 N/cm 109.6 oz/in	• PVC (after 14 days)	11.8 N/cm 107.8 oz/in
• PE (initial)	4.3 N/cm 39.3 oz/in	• Steel (initial)	8.7 N/cm 79.5 oz/in
• PE (after 14 days)	4.7 N/cm 42.9 oz/in	• Steel (after 14 days)	10.1 N/cm 92.3 oz/in

### Disclaimer

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