



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

Product Features

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

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 3.9 mils	• Weight of liner	2.8 mils 82 g/m ²

Properties/Performance Values

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

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Product Information

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

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