



# tesa<sup>®</sup> 61765

## Product Information

100µm double sided black high performance filmic tape

### Product Description

tesa<sup>®</sup> 61765 is a double sided self-adhesive tape consisting of a black PET backing and a tackified acrylic adhesive.

Special features:

- Thickness: 100µm
- High bonding strength
- High push out resistance
- Superior shock resistance
- Excellent resistance to demanding environmental conditions
- Black colour

### Product Features

- Thickness: 100µm
- High bonding strength
- High push out resistance
- Superior shock resistance
- Excellent resistance to demanding environmental conditions

### Application Fields

- Lens mounting in mobile phones
- Touch panel 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	black
• Type of adhesive	tackified acrylic	• Color of liner	white with tesa logo
• Type of liner	glassine	• Thickness of liner	71 µm
• Total thickness	100 µm		2.8 mils
	3.9 mils		



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### Properties/Performance Values

• Elongation at break	50 %	• Static shear resistance at 40°C	good
• Tensile strength	20 N/cm	• Tack	medium
	11.4 lbs/in	• Temperature resistance long term	100 °C
• Humidity resistance	very good		212 °F
• Softener resistance	good	• Temperature resistance short term	200 °C
• Static shear resistance at 23°C	good		392 °F

### Adhesion to Values

• ABS (initial)	9.2 N/cm	• PC (after 14 days)	12.6 N/cm
	84.1 oz/in		115.1 oz/in
• ABS (after 14 days)	11 N/cm	• PE (initial)	5.3 N/cm
	100.5 oz/in		48.4 oz/in
• Aluminium (initial)	8.5 N/cm	• PE (after 14 days)	5.4 N/cm
	77.7 oz/in		49.3 oz/in
• Aluminium (after 14 days)	8.6 N/cm	• PMMA (initial)	11.3 N/cm
	78.6 oz/in		103.2 oz/in
• Glass (initial)	11.2 N/cm	• PMMA (after 14 days)	12.1 N/cm
	102.3 oz/in		110.5 oz/in
• Glass (after 14 days)	11.7 N/cm	• Steel (initial)	9.7 N/cm
	106.9 oz/in		88.6 oz/in
• PC (initial)	11.5 N/cm	• Steel (after 14 days)	9.8 N/cm
	105.1 oz/in		89.5 oz/in

### Disclaimer

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For latest information on this product please visit <http://l.tesa.com/?ip=61765>