



# tesa<sup>®</sup> 61785

## Product Information

150µm black d/s filmic high performance tape

### Product Description

tesa<sup>®</sup> 61785 is a double-sided self-adhesive tape consisting of a black PET backing and a tackified acrylic adhesive.

Special features:

- Thickness: 150µm
- High bonding strength
- High push out resistance
- Superior shock resistance
- Excellent resistance to demanding environmental conditions
- Black colour

### Product Features

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- 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	150 µm		2.8 mils
	5.9 mils		



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## Product Information

### 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)	10.9 N/cm	• PC (after 14 days)	15 N/cm
	99.6 oz/in		137 oz/in
• ABS (after 14 days)	12.8 N/cm	• PE (initial)	6.9 N/cm
	116.9 oz/in		63 oz/in
• Aluminium (initial)	10.2 N/cm	• PE (after 14 days)	7 N/cm
	93.2 oz/in		64 oz/in
• Aluminium (after 14 days)	10.9 N/cm	• PMMA (initial)	13.9 N/cm
	99.6 oz/in		127 oz/in
• Glass (initial)	13.1 N/cm	• PMMA (after 14 days)	14.4 N/cm
	119.7 oz/in		131.6 oz/in
• Glass (after 14 days)	13.4 N/cm	• Steel (initial)	11.3 N/cm
	122.4 oz/in		103.2 oz/in
• PC (initial)	12.8 N/cm	• Steel (after 14 days)	12.7 N/cm
	116.9 oz/in		116 oz/in

### Disclaimer

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For latest information on this product please visit <http://l.tesa.com/?ip=61785>