



tesa[®] 61775

Product Information

125µm black d/s filmic high performance tape

Product Description

tesa[®] 61775 is a double sided self-adhesive tape consisting of a black PET backing and a tackified acrylic adhesive.

Special features:

- Thickness: 125µm
- 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
- Excellent resistance to demanding environmental conditions
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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	125 µm		2.8 mils
	4.9 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)	9.7 N/cm	• PC (after 14 days)	14.1 N/cm
	88.6 oz/in		128.8 oz/in
• ABS (after 14 days)	12.2 N/cm	• PE (initial)	5.2 N/cm
	111.5 oz/in		47.5 oz/in
• Aluminium (initial)	8.8 N/cm	• PE (after 14 days)	5.4 N/cm
	80.4 oz/in		49.3 oz/in
• Aluminium (after 14 days)	9.9 N/cm	• PMMA (initial)	12.2 N/cm
	90.4 oz/in		111.5 oz/in
• Glass (initial)	11.6 N/cm	• PMMA (after 14 days)	13.6 N/cm
	106 oz/in		124.3 oz/in
• Glass (after 14 days)	12.2 N/cm	• Steel (initial)	11 N/cm
	111.5 oz/in		100.5 oz/in
• PC (initial)	12.2 N/cm	• Steel (after 14 days)	11.8 N/cm
	111.5 oz/in		107.8 oz/in

Disclaimer

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