

tesa® 61765

100µm double sided black high performance filmic tape

tesa® 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

Main Application

- Lens mounting in mobile phones
- Touch panel mounting

Technical Data

▪ Backing material	PET film	▪ Tensile strength	20 N/cm
▪ Color	black	▪ Type of liner	glassine
▪ Total thickness	100 µm	▪ Colour of liner	white with tesa logo
▪ Type of adhesive	tackified acrylic	▪ Thickness of liner	71 µm
▪ Elongation at break	50 %		

Adhesion to

▪ Steel (initial)	9.7 N/cm	▪ Steel (after 14 days)	9.8 N/cm
▪ ABS (initial)	9.2 N/cm	▪ ABS (after 14 days)	11.0 N/cm
▪ Aluminium (initial)	8.5 N/cm	▪ Aluminium (after 14 days)	8.6 N/cm
▪ Glass (initial)	11.2 N/cm	▪ Glass (after 14 days)	11.7 N/cm
▪ PC (initial)	11.5 N/cm	▪ PC (after 14 days)	12.6 N/cm
▪ PE (initial)	5.3 N/cm	▪ PE (after 14 days)	5.4 N/cm
▪ PMMA (initial)	11.3 N/cm	▪ PMMA (after 14 days)	12.1 N/cm

Properties

▪ Temperature resistance short term	200 °C	▪ Softener resistance	●●●●
▪ Temperature resistance long term	100 °C	▪ Static shear resistance at 23°C	●●●●
▪ Tack	●●	▪ Static shear resistance at 40°C	●●●●
▪ Humidity resistance	●●●●		

Evaluation across relevant tesa® assortment: ●●●● very good ●●● good ●● medium ● low

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

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