productinformation

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