

tesa® 51967

160µm double sided black filmic tape

tesa® 51967 is a double-sided self-adhesive tape consisting of a black PET backing and a tackified acrylic adhesive.

tesa® 51967 features especially:

- Extremely high holding power even at elevated temperatures
- Superior converting performance due to strong PET backing and reduced adhesive mass flow
- Good bonding performance even to LSE materials

Main Application

- Mounting lenses to mobile phone housings
- Mounting of ABS plastic parts in the automotive industry.
- Mounting of decorative profiles and mouldings in the furniture industry

Technical Data

▪ Backing material	PET film	▪ Type of adhesive	tackified acrylic
▪ Color	black	▪ Elongation at break	50 %
▪ Total thickness	160 µm	▪ Tensile strength	20 N/cm

Adhesion to

▪ Steel (initial)	11.3 N/cm	▪ Steel (after 14 days)	13.4 N/cm
▪ ABS (initial)	9.8 N/cm	▪ ABS (after 14 days)	10.8 N/cm
▪ Aluminium (initial)	9.6 N/cm	▪ Aluminium (after 14 days)	12.2 N/cm
▪ PC (initial)	11.7 N/cm	▪ PC (after 14 days)	13.1 N/cm
▪ PE (initial)	5.2 N/cm	▪ PE (after 14 days)	5.7 N/cm
▪ PET (initial)	9.3 N/cm	▪ PET (after 14 days)	10.5 N/cm
▪ PP (initial)	5.3 N/cm	▪ PP (after 14 days)	7.0 N/cm
▪ PS (initial)	10.2 N/cm	▪ PS (after 14 days)	11.1 N/cm
▪ PVC (initial)	8.9 N/cm	▪ PVC (after 14 days)	11.9 N/cm

Properties

▪ Temperature resistance short term	200 °C	▪ Resistance to chemicals	●●●●
▪ Temperature resistance long term	100 °C	▪ Softener resistance	●●●●
▪ Tack	●●●●	▪ Static shear resistance at 23°C	●●●●
▪ Ageing resistance (UV)	●●●●●	▪ 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=51967>

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