

## tesa® 68747

### 100µm double sided black filmic tape

tesa® 68747 is a black double-sided self-adhesive tape consisting of a PET backing and a tackified acrylic adhesive.

tesa® 68747 features esp.

- Thickness: 100µm
- High bonding strength
- High resistance to demanding environmental conditions
- Good handling performance in converting processes
- Black color

## Main Application

tesa® 68747 is used for general mounting and laminating applications especially in the electronics industry.

## Technical Data

▪ Backing material	PET film	▪ Tensile strength	20 N/cm
▪ Color	black	▪ Type of liner	glassine
▪ Total thickness	100 µm	▪ Colour of liner	yellow
▪ Type of adhesive	tackified acrylic	▪ Thickness of liner	71 µm
▪ Elongation at break	50 %	▪ Weight of liner	82 g/m <sup>2</sup>

## Adhesion to

▪ Steel (initial)	8.7 N/cm	▪ Steel (after 14 days)	10.1 N/cm
▪ ABS (initial)	7.6 N/cm	▪ ABS (after 14 days)	7.2 N/cm
▪ Aluminium (initial)	5.8 N/cm	▪ Aluminium (after 14 days)	8.8 N/cm
▪ PC (initial)	9.9 N/cm	▪ PC (after 14 days)	12.0 N/cm
▪ PE (initial)	4.3 N/cm	▪ PE (after 14 days)	4.7 N/cm
▪ PET (initial)	6.9 N/cm	▪ PET (after 14 days)	7.5 N/cm
▪ PP (initial)	4.2 N/cm	▪ PP (after 14 days)	6.6 N/cm
▪ PVC (initial)	7.9 N/cm	▪ PVC (after 14 days)	11.8 N/cm

## Properties

▪ Temperature resistance short term	150 °C	▪ Humidity resistance	●●●●
▪ Temperature resistance long term	80 °C	▪ Softener resistance	●●●●
▪ Tack	●●●●	▪ Static shear resistance at 23°C	●●●●
▪ Ageing resistance (UV)	●●●●●		

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

For latest information on this product please visit <http://l.tesa.com/?ip=68747>

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