

## tesa® 7250

### 50µm single sided solid black filmic tape

tesa® 7250 is a deep black, single sided self-adhesive tape consisting of a black PET film backing and a black tackified acrylic adhesive

tesa® 7250 features esp.

- Thickness: 50µm
- Very good light blocking performance
- High peel strength and shear resistance
- Very good repulsion resistance properties
- Very good handling performance in converting processes
- Excellent resistance to demanding environmental conditions
- Very good removability on common plastic and metallic substrates
- Pin whole free product design

## Main Application

- Fixing of cables or constructive parts in LED light sources or Flat Panel displays
- Light shielding in consumer electronics parts
- Electrical insulation

## Technical Data

▪ Backing material	PET film	▪ Temperature resistance short term	200 °C
▪ Total thickness	50 µm	▪ Temperature resistance long term	100 °C
▪ Type of adhesive	acrylic	▪ Dielectric breakdown voltage	4000 volt
▪ Elongation at break	50 %	▪ Transmittance (380 - 780nm) <	0.02 %
▪ Tensile strength	30 N/cm		

## Adhesion to

▪ Steel (initial)	4.2 N/cm	▪ Steel (after 14 days)	5.3 N/cm
▪ ABS (initial)	3.9 N/cm	▪ ABS (after 14 days)	4.7 N/cm
▪ Aluminium (initial)	3.8 N/cm	▪ Aluminium (after 14 days)	5.3 N/cm
▪ Glass (initial)	4.3 N/cm	▪ Glass (after 14 days)	4.9 N/cm
▪ PC (initial)	3.9 N/cm	▪ PC (after 14 days)	5.2 N/cm

## Properties

▪ Ageing resistance (UV)	●●●●	▪ Static shear resistance at 23°C	●●●●
▪ Humidity resistance	●●●	▪ Static shear resistance at 40°C	●●●●
▪ Softener resistance	●●●●		

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

For latest information on this product please visit <http://l.tesa.com/?ip=07250>

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