

## tesa® 7250

### 50µm deep black single-sided adhesive 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:

- Thickness: 50µm
- Excellent light blocking performance
- High peel strength and shear resistance
- Very good repulsion resistance
- Handles very well in converting processes
- Excellent resistance to demanding environmental conditions
- Very good removability on common plastic and metallic substrates
- Pinhole-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		392 °F
	2 mils	▪ Temperature resistance long term	100 °C
▪ Type of adhesive	acrylic		212 °F
▪ Elongation at break	50 %	▪ Dielectric breakdown voltage	4000 volt
▪ Tensile strength	30 N/cm	▪ Transmittance (380 - 780nm) <	0.02 %
	17.1 lbs/in		

## Adhesion to

▪ Steel (initial)	4.2 N/cm	▪ Steel (after 14 days)	5.3 N/cm
	38.4 oz/in		48.4 oz/in
▪ ABS (initial)	3.9 N/cm	▪ ABS (after 14 days)	4.7 N/cm
	35.6 oz/in		42.9 oz/in
▪ Aluminium (initial)	3.8 N/cm	▪ aluminium (after 14 days)	5.3 N/cm
	34.7 oz/in		48.4 oz/in
▪ Glass (initial)	4.3 N/cm	▪ Glass (after 14 days)	4.9 N/cm
	39.3 oz/in		44.8 oz/in
▪ PC (initial)	3.9 N/cm	▪ PC (after 14 days)	5.2 N/cm
	35.6 oz/in		47.5 oz/in

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

tesa® products prove their impressive quality day in, day out in demanding conditions and are regularly subjected to strict controls. All information and recommendations are provided to the best of our knowledge on the basis of our practical experience. Nevertheless tesa SE can make no warranties, express or implied, including, but not limited to any implied warranty of merchantability or fitness for a particular purpose. Therefore, the user is responsible for determining whether the tesa® product is fit for a particular purpose and suitable for the user's method of application. If you are in any doubt, our technical support staff will be glad to support you.

# tesa® 7250

50µm deep black single-sided adhesive tape

## Properties

- |                          |      |                                      |      |
|--------------------------|------|--------------------------------------|------|
| ▪ Ageing resistance (UV) | ●●●● | ▪ Static shear resistance at 73,4 °F | ●●●● |
| ▪ Humidity resistance    | ●●●  | ▪ Static shear resistance at 104 °F  | ●●●● |
| ▪ 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>

tesa® products prove their impressive quality day in, day out in demanding conditions and are regularly subjected to strict controls. All information and recommendations are provided to the best of our knowledge on the basis of our practical experience. Nevertheless tesa SE can make no warranties, express or implied, including, but not limited to any implied warranty of merchantability or fitness for a particular purpose. Therefore, the user is responsible for determining whether the tesa® product is fit for a particular purpose and suitable for the user's method of application. If you are in any doubt, our technical support staff will be glad to support you.