

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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