

## tesa® 62946

### 300µm double sided black reinforced foam tape

tesa® 62946 is a black double sided thin PE foam tape with a PET film reinforcement. The tape is equipped with a tackified acrylic adhesive.

tesa® 62946 features:

- Thickness: 300µm
- Very high bonding strength
- Highly conformable foam backing compensates design tolerances or uneven surfaces
- Excellent sealing function versus humidity and dust
- Dampening properties offer good shock absorption
- Easy converting and handling due to PET reinforcement
- Very good humidity resistance
- Black color for easy detection or design purposes

## Main Application

- Touch panel / lens mounting in mobile phones
- Speaker module mounting
- Front panel mounting in notebooks
- Mounting on uneven surfaces

## Technical Data

▪ Backing material	PE foam	▪ Tensile strength	23 N/cm
▪ Color	black	▪ Type of liner	glassine
▪ Total thickness	300 µm	▪ Colour of liner	brown
▪ Type of adhesive	tackified acrylic	▪ Thickness of liner	71 µm
▪ Elongation at break	50 %	▪ Weight of liner	80 g/m <sup>2</sup>

## Adhesion to

▪ Steel (initial)	6.4 N/cm	▪ Steel (after 14 days)	13.2 N/cm
▪ ABS (initial)	6.7 N/cm	▪ ABS (after 14 days)	9.4 N/cm
▪ Aluminium (initial)	5.3 N/cm	▪ Aluminium (after 14 days)	10.9 N/cm
▪ Glass (initial)	7.3 N/cm	▪ Glass (after 14 days)	12.0 N/cm
▪ PC (initial)	7.6 N/cm	▪ PC (after 14 days)	12.2 N/cm
▪ PE (initial)	2.3 N/cm	▪ PE (after 14 days)	2.7 N/cm
▪ PET (initial)	5.3 N/cm	▪ PET (after 14 days)	7.7 N/cm
▪ PVC (initial)	6.7 N/cm	▪ PVC (after 14 days)	13.7 N/cm

For latest information on this product please visit <http://l.tesa.com/?ip=62946>

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### Properties

▪ Temperature resistance short term	80 °C	▪ Humidity resistance	●●●●
▪ Temperature resistance long term	70 °C	▪ Softener resistance	●●
▪ Tack	●●	▪ Static shear resistance at 23°C	●●●●
▪ Ageing resistance (UV)	●●●●	▪ Static shear resistance at 40°C	●●●●

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

### Additional Information

Peel adhesion data based on 90° test method.

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