

# tesa® 62946

300µm double sided black reinforced foam tape

## PRODUCT INFORMATION

### Product Description

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
■ Colour	black	■ Type of liner	glassine
■ Total thickness	300 µm	■ Thickness of liner	71 µm
■ Type of adhesive	tackified acrylic	■ Colour of liner	brown
■ 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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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 advise you.

### Properties

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

Evaluation across relevant tesa® assortment: ++ very good, + good, o medium, - low

### Additional Info

Peel adhesion data based on 90° test method.

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