

## tesa® 61054

### 250µm d/s black flexible acrylic foam tape

tesa® 61054 is a double-sided black tape consisting of a high shock absorbing black acrylic foam.

tesa® 61054 features:

- Thickness: 250µm
- Very high shock performance
- Very high thermal and cold shock resistance
- Very high bonding strength for wide temperature range
- Good anti-repulsion properties to prevent lifting
- Waterproofness
- Light blocking

## Main Application

- Display or touch panel mounting for electronic devices and infotainment systems
- Compensation of mechanical stress (e.g. gap filling and thermal elongation)
- Mounting of waterproof designs

## Technical Data

▪ Backing material	acrylic	▪ Colour of liner	transparent
▪ Color	black	▪ Thickness of liner	75 µm
▪ Total thickness	250 µm	▪ Weight of liner	105 g/m²
▪ Type of adhesive	modified acrylic	▪ Transmittance (380 - 780nm) <	0.001 %
▪ Type of liner	PET		

## Adhesion to

▪ Steel (initial)	15.4 N/cm	▪ Steel (after 3 days)	19.9 N/cm
▪ Aluminium (initial)	8.7 N/cm	▪ Aluminium (after 3 days)	15.6 N/cm
▪ Glass (initial)	17.0 N/cm	▪ Glass (after 3 days)	18.6 N/cm
▪ PC (initial)	14.2 N/cm	▪ PC (after 3 days)	28.7 N/cm

## Properties

▪ Temperature resistance short term	180 °C	▪ 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