

# tesa® 54902

## Precision Die Cuts



### Product Information

High performance PU-foam for demanding BSR applications

tesa® 54902 is a soft, black 3.3mm PU-foam with high adhesive power. The product is perfectly suitable for noise damping, sealing larger gaps and energy absorbance in the automotive industry.

Features:

- Excellent noise damping properties
- Constant compression set
- Outdoor resistant
- High adhesion power
- Absorbance of shock and vibrations
- Very low outgassing (Carrier)
- Self extinguishing

### Main Application

- Highest requirements for noise damping
- Cushioning components
- Water- and air-tight sealing and bridging larger gaps even in the exterior of a vehicle
- Vibration isolation
- Impact energy absorbance

### Technical Information (average values)

The values in this section should be considered representative or typical only and should not be used for specification purposes.

#### Technical Data

• Backing material	PU foam, soft	• Elongation at break	65 %
• Backing density	320 kg/m <sup>3</sup>	• Tensile strength	14 N/cm
• Color	black	• Type of liner	PET
• Total thickness	3400 µm	• Colour of liner	transparent
• Type of adhesive	tackified acrylic		

#### Properties

• Suitable for die cutting	Yes	• Compression set	●●●●
• Abrasion resistance	●	• Conformability	●●
• Humidity resistance	●●●	• Noise damping	●●●●
• Energy absorption	●●●●		

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

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#### Additional Information

Sound dampening properties and abrasion resistance are measured according to LV 312.

Further material options:

tesa® 54901, 4.8mm firm

tesa® 54903, 3.3mm very firm

### Disclaimer

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.



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