

tesa® 50602



Product Information

Soft grade skinned PVC/Nitrile closed cell single sided foam tape 6mm thick (black)

The tesa® 50602 is a 6mm thick single sided PVC nitrile closed cell foam tape with an acrylic adhesive. The foam 'skinned', which creates an abrasion resistant layer, particularly suited where contact with sharp or rough surfaces will occur such as in enclosure doors. The PVC nitrile foam is highly conformable while also offering a low compression set, which allows the foam to return to its original state even after long periods of compression.

The closed cell foam allows tight sealing from dust and water, while the acrylic adhesive features easy application to various surfaces. The foam tape backing is soft and conformable, making it well suited for use on uneven surfaces. The robust foam is resistant to weathering, tearing and abrasion and offers excellent resistance to temperatures from -10°C to 80°C. tesa 5060 Series is available in 3mm, 6mm, 9mm and 12mm thicknesses.

Main Application

- Due to the abrasion resistant skin, 5060 series foam is particularly well suited where contact with sharp or rough surfaces will occur
- tesa® 50602 can be used for sealing electrical enclosures and switch cabinets
- Suitable for sealing industrial access doors and hatches
- Ideal for sealing hatches on boats
- Can be used to seal externally mounted air conditioning equipment
- Tape can be used for pipe wrap insulation on both hot and cold pipes

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	PVC / Nitrile foam	• Interliner	Yes
• Total thickness	6000 µm	• Temperature resistance from	-10 °C
• Type of adhesive	acrylic	• Temperature resistance up to	80 °C
• Elongation at break	100 %	• Water Tightness	100 %
• Tensile strength	29.4 N/cm	• Water Absorption	6 %

Adhesion to

- steel 2.4 N/cm

Properties

• Suitable for die cutting	Yes	• Water resistance	●●●●
• Resistance to chemicals	●●●	• Flame retardant	●●●●
• UV-resistance	●●●		

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

Additional Information

REACH and RoHS compliant

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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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