

tesa® 54411

Product Information



High performance sealer

Product Description

tesa® 54411 high performance sealer is a reliable and durable sealing solution that is perfect for a variety of applications. Its UV-resistant backing and aging-resistant acrylic adhesive ensure that it can withstand even the toughest conditions. Whether you need to seal a joint or protect against dust and moisture, tesa® 54411 is an excellent choice. Its high-performance design ensures that it will provide a long-lasting seal that you can depend on.

Product Features

- The liner is positioned on top of the backing to facilitate a stress-free application of the soft adhesive.
- The liner can be removed after applying initial pressure, revealing the paintable and abrasion-resistant backing
- The adhesive and backing are highly conformable, making them perfect for sealing joints and rivets with little pressure
- The adhesive is ideal for quick sealing as it wets instantly, reducing the curing time compared to sealants
- Our product is free of fluorinated chemicals (PFAS) to ensure safety in use

Technical Information (average values)

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

Product Construction

- | | | | |
|--------------------|-----------------|----------------------|-------------|
| • Backing | lonomer film | • Color of liner | transparent |
| • Type of adhesive | acrylic | • Thickness of liner | 60 µm |
| • Type of liner | siliconised PET | | 2.4 mils |
| | | • Thickness of tape | 1100 µm |
| | | | 43.3 mils |

Properties/Performance Values

- | | | | |
|--------------------------|-----------|-------------------------------|-----------|
| • Elongation at break | 330 % | • Operation temperature up to | 100 °C |
| • Tensile strength | 35 N/cm | | 212 °F |
| | 20 lbs/in | • Residue-free removability | no |
| • Abrasion resistance | very good | • Solvent free | yes |
| • Ageing resistance (UV) | very good | • Tack | good |
| • Conformability | very good | • UV-resistance | 104 weeks |
| • Easy to write on | yes | • Water resistance | very good |
| • Hand tearability | no | | |

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Adhesion to Values

• ABS (initial)	12 N/cm 109.6 oz/in	• Glass (initial)	11 N/cm 100.5 oz/in
• Aluminium (initial)	9 N/cm 82.2 oz/in	• Steel	11 N/cm 100.5 oz/in
• Backing	5 N/cm 45.7 oz/in		

Additional Information

It is possible to achieve higher peel adhesion values or even shortening the dwell time by using

- tesa® 60153 Adhesion Promoter Fast Cure for metals
- tesa® 60151 Adhesion Promoter Glass for glass

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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