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	Ionomer film
Type of adhesive	acrylic
Type of liner	siliconised PET
Color of liner	transparent
Thickness of liner	60 µm 2.4 mils
Thickness of tape	1100 µm 43.3 mils

Properties/Performance Values

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

For latest information on this product please visit http://l.tesa.com/?ip=54411

tesa® 54411

Product Information

Adhesion to Values

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

For latest information on this product please visit http://l.tesa.com/?ip=54411