

tesa® 50118 PV3

Product Information

540 µm PET fleece tape with ultra-low VOC for automotive interiors



Product Description

tesa® 50118 PV3 is a 540 µm PET fleece tape with a water-based acrylic adhesive, suited for various automotive interior applications, such as cable mounting and BSR (buzz, squeak, rattle) prevention. Due to its low VOC property, tesa® 50118 PV3 is designed to meet automotive interior requirements. It offers high adhesion strength on critical surfaces, including nonpolar and rough substrates. In addition, this product features a new recycled (PCR) PET liner. tesa® 50118 PV3 is available in black and white, can be die-cut, and is suitable for automatic dispensers.

Sustainable Aspects



For more information: <https://www.tesa.com/product-sustainability>

Product Features

- Use of recycled materials¹
- Excellent damping properties
- Low VOC (according to GB 27630) – no critical substances detectable
- High peel resistance on irregular, rough, and nonpolar surfaces
- High shear strength
- Tear resistant
- Suitable for automatic tape dispensers

Application Fields

tesa® 50118 PV3 is ideal for securing cables and wire harnesses on various components within a car. It provides quick, secure fixation for flat and round cables while also offering excellent damping properties for BSR prevention.

Applications include:

- Mounting cables to headliners
- BSR prevention in doors, dashboards, display frames, seat belt buckles, and more

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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	PET fleece	• Color	white
• Type of adhesive	acrylic	• Color of liner	transparent
• Type of liner	PET	• Thickness of liner	51 µm
• Post-consumer recycled content of liner	88 %	• Thickness of tape	540 µm

Product Assortment

- Available colors black, white

Properties/Performance Values

• Elongation at break	70 %	• Static shear resistance	very good
• Tensile strength	31 N/cm	• Suitable for rough surfaces	very good
• Low VOC	very good	• Tack	very good
• Noise damping (LV312)	Class C	• Temperature resistance short term	160 °C

Adhesion to Values

- PET (initial) 8.5 N/cm

Additional Information

We aim to understand your application, including the substrates involved, to offer an appropriate product recommendation for optimal performance. Our automation and application department provides customized equipment and self-designed application tools to enhance productivity.

- Please note: 50118 PV3 white includes >50% recycled material compared to 25% in 50118 PV3 black
- Kiss-cut or die-cut solutions are available under tesa® 54118 PV3
- "Adhesion values to PET" are not part of the product specification

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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.



For latest information on this product please visit <http://l.tesa.com/?ip=50118PV3>