



tesa[®] 50118 PV1



Product Information

Conformable thick PET fleece tape for cable mounting in automotive interiors

Product Description

tesa[®] 50118 PV1 is a conformable thick PET fleece tape with a new designed acrylic adhesive for applications in automotive interiors.

Features:

- high initial wet out
- excellent damping properties
- good peel resistance
- suitable for common irregular, rough and critical interior surfaces
- often suitable without any kind of surface pretreatments
- can be used with automatic tape dispensers

Product Features

- 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

Cable mounting

For quick and secure fixation of flat and round cables with excellent damping properties

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 of liner	yellow
• Type of adhesive	acrylic	• Thickness of liner	75 µm
• Type of liner	glassine		3 mils
• Color	black/white	• Thickness of tape	540 µm
			21.3 mils
		• Weight of liner	90 g/m ²

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



tesa[®] 50118 PV1

Product Information

Properties/Performance Values

• Elongation at break	70 %	• Static shear resistance	very good
• Tensile strength	31 N/cm 17.7 lbs/in	• Suitable for rough surfaces	very good
• Hand tearability	low	• Tack	very good
• Low VOC	very good	• Temperature resistance short term	160 °C 320 °F
• Noise damping (LV312)	Class C		

Adhesion to Values

• PET (initial)	8.5 N/cm 77.7 oz/in	• PET fleece Headliner A (initial)	3.9 N/cm 35.6 oz/in
• PET (after 3 days)	9.1 N/cm 83.1 oz/in	• PET fleece surface (after 3 days)	5.2 N/cm 47.5 oz/in
• PET fleece Headliner A (after 3 days)	5.9 N/cm 53.9 oz/in	• PET fleece surface (initial)	5.2 N/cm 47.5 oz/in

Additional Information

*Kiss-cut solutions or die-cuts are available under tesa[®] 54118PV1 (white and black)

tesa's automation and application department provides customized equipment and self-designed application tools to enhance productivity

Adhesion values to:

PET

PET fleece surface

PET fleece Headliner A

Are not part of the product specification

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=50118>