



# tesa<sup>®</sup> 50128

## Low VOC

### Product Information

390 µm modified acrylic adhesive with PP non-woven backing



### Product Description

tesa<sup>®</sup> 50128 is a 390 µm PP non-woven tape with a modified acrylic adhesive. This tape has been designed for a wide range of automotive interior applications like immediate and secure mounting of cables to headliners. Due to its low VOC property it is particularly designed to meet automotive interior requirements.

This tape is characterized by a high adhesion strength on critical surfaces like nonpolar and rough substrates.

tesa<sup>®</sup> 50128 is available in black and white and as a die-cut solution and is suitable for automatic dispensers.

Main features:

- Very good damping properties
- Low VOC (according to VDA278) – no critical substances detectable
- High peel resistance on irregular, rough, and nonpolar surfaces
- High shear strength
- Tear resistant
- Suitable for automatic tape dispensers

### Product Features

- Very good damping properties
- Low VOC (according to VDA278) – no critical substances detectable
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- Tear resistant
- Suitable for automatic tape dispensers
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### Application Fields

tesa<sup>®</sup> 50128 is suitable for mounting thick cables and wire harnesses on different components inside a car. It ensures an extremely quick and secure fixation of flat and round cables.

To ensure the highest performance possible, our aim is to fully understand your application (including the substrates involved) in order to provide the right product recommendation.

Example applications are:

- Mounting thick and heavy cables to headliners with high initial performance



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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	non-woven	• Color of liner	white
• Type of adhesive	modified acrylic	• Thickness of liner	70 µm
• Type of liner	glassine	• Thickness of tape	2.8 mils
• Color	black	• Thickness of tape	390 µm
		• Weight of liner	15.4 mils
			80 g/m <sup>2</sup>

### Properties/Performance Values

• Elongation at break	100 %	• Static shear resistance	very good
• Tensile strength	33 N/cm	• Suitable for rough surfaces	very good
	18.8 lbs/in	• Tack	very good
• Hand tearability	low	• Temperature resistance short term	160 °C
• Low VOC	very good		320 °F

### Additional Information

- Die-cut solutions are available
- According to VDA278 analysis, our CM tapes do not contain any single substances restricted by the drafted GB regulations (China) as well as the indoor concentration guideline by Health, Labour and Welfare Ministry (Japan).

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

### Disclaimer

tesa<sup>®</sup> 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<sup>®</sup> 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=50128>