

tesa® 50103

PET - filmic tape for cable mounting in automotive interiors

PRODUCT INFORMATION

Product Description

tesa® 50103 is a PET filmic tape with an acrylic adhesive for applications in automotive interiors.

Features:

- linerless
- suitable for common irregular, rough and critical interior surfaces
- often suitable without any kind of surface pretreatments
- tear resistant
- low and stable unwind force
- can be used with automatic tape dispensers

Main Application

Cable mounting
quick and secure fixation of flat and round cables

Technical Data

■ Backing material	PET	■ Type of adhesive	acrylic
■ Colour	transparent	■ Elongation at break	65 %
■ Thickness of tape	90 µm	■ Tensile strength	45 N/cm

Adhesion to

■ PET (initial)	6.0 N/cm	■ PET (after 3 days)	7.2 N/cm
■ PET fleece Headliner A (initial)	5.8 N/cm	■ PET fleece Headliner A (after 3 days)	5.9 N/cm
■ PET fleece surface (initial)	3.4 N/cm	■ PET fleece surface (after 3 days)	4.1 N/cm

Properties

■ Hand tearability	-	■ Static peel resistance	o
■ Suitable for rough surfaces	++	■ Static shear resistance	o
■ Temperature resistance short term	160 °C	■ Conformability	o
■ Tack	+	■ Low VOC	++

Evaluation across relevant tesa® assortment: ++ very good, + good, o medium, - low

For latest information on this product please visit <http://l.tesa.com/?ip=50103>

Page 1 of 2 / As of 07/04/14

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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 advise you.

Additional Info

AF89 = handtearable

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

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Page 2 of 2 / As of 07/04/14

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