



tesa[®] 54160

Product Information

Single sided black PET film for automotive airbag wrapping application

Product Description

tesa[®] 54160 is a solid black single sided self-adhesive tape with a thickness of 60µm. This tape consists of a black PET film backing and a black tackified acrylic adhesive. Due to its low VOC property, it is particularly designed to meet automotive interior requirements.

tesa[®] 54160 is available with different perforation designs to meet customized tensile strength requirements.

This product is available in 15mm and 25mm width.

Main features:

- Very high peel strength and shear resistance
- Very good repulsion resistance properties
- Very good handling performance in application process
- Excellent resistance to demanding environmental conditions
- Low VOC (acc. GB 27630) – no critical substances detectable

Application Fields

- Airbag wrapping

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 material | PET film | • Type of adhesive | tackified acrylic, acrylic, advanced acrylic, modified acrylic |
|--------------------|----------|--------------------|--|

Properties/Performance Values

- | | | | |
|---------------------------|-----------|--------|--------------|
| • Elongation at break | 20 % | • Tack | good, medium |
| • Static shear resistance | very good | | |

Adhesion to Values

- | | | | |
|-------------------|----------|------------------------|----------|
| • Steel (initial) | 5.9 N/cm | • Steel (after 3 days) | 7.3 N/cm |
|-------------------|----------|------------------------|----------|

For latest information on this product please visit <http://l.tesa.com/?ip=54160>



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Product Information

Additional Information

- 54160 is available in specified width of 15mm and 25mm
- Different perforation designs are available to meet customized tensile strength requirements
- tesa's automation and application department provides customized equipment and self-designed application tools to enhance productivity

Adhesion values to:

- Airbag Material
- Tape Backing

...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.



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