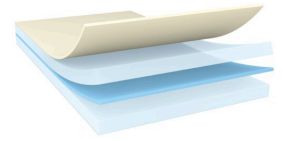


# tesa® 58791

## Product Information



## Product Description

tesa® 58791 is a 100µm double-sided PET tape with excellent anti-repulsion properties, certified to IATF 16949, making it well-suited for automotive applications. Product also provides customer with high bonding performance and excellent dynamic shear performance for other potential applications.

## Product Features

- Reliable anti-repulsion properties
- Excellent bonding performance
- Good Dynamic shear
- Good durability to automotive harsh conditions

## 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

- |                   |             |                      |       |
|-------------------|-------------|----------------------|-------|
| • Type of liner   | glassine    | • Color of liner     | white |
| • Total thickness | 100 µm      | • Thickness of film  | 12 µm |
| • Color           | transparent | • Thickness of liner | 69 µm |

## Product Assortment

- |                         |             |                     |                       |
|-------------------------|-------------|---------------------|-----------------------|
| • Available thicknesses | 0.1 mm      | • Available formats | LOG ROLL<br>UNTRIMMED |
| • Available colors      | transparent | • Available liners  | glassine              |

## Properties/Performance Values

- |   |                       |                                   |           |
|---|-----------------------|-----------------------------------|-----------|
| • Adhesive damper                               | modified acrylic      | • Static shear resistance at 23°C | very good |
| • Dielectric breakdown voltage                  | 9000 V                | • Temperature resistance max.     | 125 °C    |
| • Dynamic shear resistance @ RT after 3 days RT | 190 N/cm <sup>2</sup> | • Temperature resistance min.     | -40 °C    |

## Adhesion to Values

- |                            |          |                   |          |
|----------------------------|----------|-------------------|----------|
| • Aluminium (after 3 days) | 8.5 N/cm | • Steel (initial) | 8.2 N/cm |
| • PI (after 3 days)        | 9.4 N/cm |                   |          |

## Additional Information

Product dynamic shear performance tested on Aluminum Substrates.

Breakdown voltage tested in DC.

For latest information on this product please visit <http://l.tesa.com/?ip=58791>

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## Product Information

### 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=58791>