

Product Information

General purpose cross filament tape

tesa® 4591 is a general purpose bidirectional filament tape based on glass filaments laminated to polyester film. tesa® 4591 combines good longitudinal tensile strength with very low elongation.

The synthetic rubber adhesive system ensures a secure bond to various substrates, even to non-polar surfaces like PE and PP. The tape also exhibits excellent adhesion to a variety of corrugated and solid board surfaces.

tesa® 4591 is tear resistant.

Main Application

- Bundling and palletising
- Heavy duty carton sealing
- Transport securing
- Fixing
- End-tabbin

Technical Information (average values)

The values in this section should be considered representative or typical only and should not be used for specification purposes.

Technical Data

• Backing material	glassfibre / PET film	• Elongation at break below	4 %
• Total thickness	140 µm	• Tensile strength	250 N/cm
• Type of adhesive	synthetic rubber		

Adhesion to

- | | |
|---------|----------|
| • steel | 9.5 N/cm |
|---------|----------|

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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