tesa® 4593

Product Information

UV, high temperature and ageing resistant cross filament tape

Product Description

tesa® 4593 is a special bidirectional filament tape based on glass filaments laminated to polyester film. tesa® 4593 combines good longitudinal tensile strength with very low elongation. The tape is tear resistant.

The unique acrylic adhesive system allows the product to have:

- UV resistance
- High temperature resistance (up to 150°C short term)
- High ageing resistance

Product Features

- UV resistance
- High temperature resistance (up to 150°C short term)
- High ageing resistance
- The tape is tear resistant.
- tesa® 4593 combines good longitudinal tensile strength with very low elongation.

Applications

Transport securing, fixing, bundling, palletising and end-tabbing applications which require UV, high temeprature or ageing resistance.
Especially suitable for permanent fixing in the furniture industry and outdoor applications.

Technical Information (average values)

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

Applications

Backing	glassfibre / PET film	Total thickness	160 µm
Type of adhesive	acrylic		

Properties/Performance Values

- Tensile strength   250 N/cm

Adhesion to Values

- Steel   4 N/cm

For latest information on this product please visit http://l.tesa.com/?ip=04593

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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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