



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.

Application Fields

Transport securing, fixing, bundling, palletising and end-tapping applications which require UV, high temperature 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.

Product Construction

- | | | | |
|--------------------|-----------------------|-------------------|--------|
| • 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 |
|---------|--------|

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