



# tesa® 4595

## Product Information



High tensile cross filament tape

### Product Description

tesa® 4595 is a premium bidirectional filament tape based on polyester filaments laminated to polyester film. tesa® 4595 is tear resistant.

The unique crossweave polyester filament design is different from glass filament which is brittle and tends to break at edges.

### Product Features

- High shock resistance
- High conformability to substrates
- Excellent abrasion resistance
- The tape has extremely high longitudinal tensile strength and low elongation.
- The special synthetic rubber adhesive system ensures a secure bond to various surfaces with high tack and high adhesion.

### Application Fields

tesa® 4595 is suitable for heavy duty applications, where safety matters:

- Heavy duty bundling
- Heavy duty transport securing
- Fixing
- End-tabbing
- Pipeline and cable 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          | PET fibre / PET film | • Total thickness | 250 µm |
| • Type of adhesive | synthetic rubber     |                   |        |

### Properties/Performance Values

- |                       |      |                    |          |
|-----------------------|------|--------------------|----------|
| • Elongation at break | 15 % | • Tensile strength | 500 N/cm |
|-----------------------|------|--------------------|----------|

### Adhesion to Values

- |         |        |
|---------|--------|
| • Steel | 9 N/cm |
|---------|--------|

For latest information on this product please visit <http://l.tesa.com/?ip=04595>



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For latest information on this product please visit <http://l.tesa.com/?ip=04595>