tesa® 4590

Product Information

General Purpose Monofilament Tape

Product Description

tesa® 4590 is a general purpose unidirectional filament tape based on glass filaments laminated to polyester film. The tape is used for industrial bundling, palletizing, and fixing applications.

Product Features

- tesa® 4590 is tear-resistant.
- The tape also exhibits excellent adhesion to a variety of corrugated and solid board surfaces.
- tesa® 4590 features a very high tack and a short dwell time until reaching final adhesive power.
- The synthetic rubber adhesive system ensures a secure bond to various substrates, even to non-polar surfaces like PE and PP.
- tesa® 4590 combines good longitudinal tensile strength with very low elongation.

Application Fields

- tesa® 4590 is a unidirectional filament tape used for a range of industrial purposes including:
- Bundling and palletizing
- Heavy-duty carton sealing
- Transport securing
- Fixing
- End-tabbing

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	105 µm
• Type of adhesive	synthetic rubber		

Properties/Performance Values

- Tensile strength   250 N/cm

Adhesion to Values

- Steel   9 N/cm

For latest information on this product please visit http://l.tesa.com/?ip=04590

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Disclaimer

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