

tesa® 4597

High tensile cross filament tape

tesa® 4597 is a premium bidirectional filament tape based on polyester filaments laminated to polyester film. The tape has extremely high longitudinal tensile strength reaching 750N/cm and low elongation. The special synthetic rubber adhesive system ensures a secure bond to various surfaces with high tack and high adhesion. tesa® 4597 is tear resistant.

Different from glass filament which is brittle and tends to break at edges, the unique crossweave polyester filament design allows the tape to have:

- *high shock resistance
- *high conformability to substrates
- *excellent abrasion resistance

Main Application

tesa® 4597 is suitable for heavy duty applications, where safety matters:

- Heavy duty bundling
- Heavy duty transport securing
- Fixing
- End-tapping
- Pipeline and cable wrapping

Technical Data

▪ Backing material	PET fibre / PET film	▪ Adhesion to steel	9 N/cm
▪ Total thickness	300 µm	▪ Elongation at break	15 %
▪ Type of adhesive	synthetic rubber	▪ Tensile strength	750 N/cm

For latest information on this product please visit <http://l.tesa.com/?ip=04597>

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