



tesa[®] 4559

Product Information



General Purpose Cross Filament Tape

Product Description

tesa[®] 4559 is a general purpose bidirectional (cross weave) filament tape based on glass filaments laminated to polyester film. The tape is used for industrial bundling, palletising, and fixing applications. tesa[®] 4559 combines strong longitudinal tensile strength with very low elongation. The synthetic rubber adhesive system ensures a secure bond to various substrates. tesa[®] 4559 features a very high tack and a short dwell time before reaching final adhesive power. tesa[®] 4559 is tear-resistant.

Applications

- Bundling and palletising
- Carton Sealing
- Transport securing
- Bundling
- End-tabbing
- Metal industry bundling, end-tabbing and securing

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 | PET | • Total thickness | 120 µm |
| • Type of adhesive | synthetic rubber | | |

Properties/Performance Values

- | | | | |
|-----------------------|----------|----------------|----------|
| • Elongation at break | 5 % | • Unwind force | 2.4 N/cm |
| • Tensile strength | 250 N/cm | | |

Adhesion to Values

- | | |
|---------|----------|
| • Steel | 9.5 N/cm |
|---------|----------|



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