

Technical Engineering Services Ltd



PTFE & SILICONE HIGH TEMPERATURE FABRICS & BELTS

Product Data Sheet

Reference:	TES-25	Material:	Polyolefin Film
Total Thickness:	0.305mm	Backing Thickness:	0.254mm
Adhesive Thickness:	0.051mm	Adhesive Type:	Thermosetting Rubber
Elongation %:	425	Surface Texture:	Smooth
Operating Temp:	-40 to + 107°C	Coefficient of Friction:	0.11 to 0.25

Material Properties

- UHMW (Ultra High Molecular Weight) polyolefin film coated with rubber.
- High Release from sticky materials 'Non-Stick'
- Easy cleaning
- Low friction co-efficient: 0.11 – 0.25; depending on load and surface speed
- Lightweight and energy efficient for economical operation

Additional Information

Availability

Factory stock for **TES** is in master rolls 610mm x 33m. Rolls can be slit in widths from 6mm up to 610mm. This product is supplied with a film liner, which protects the adhesive, facilitates die cutting and peels off easily.

Applications

TES tapes can be used as an abrasion-resistant, anti-stick, anti-friction surface at temperatures up to 107°C. **TES** is frequently used to line chutes and conveyors. **TES** is often applied to guide rails to reduce noise levels in places such as bottling plants. This tape is also used to replace desk drawer bearings to provide silky smooth, friction-free drawer movement.

Features/Benefits

TES exhibits excellent abrasion resistance and it has a low coefficient of friction, making it an excellent protector for surfaces or bearings that experience heavy wear. **TES** is more economical than PTFE tapes. The high-temperature, high-tack rubber adheres readily to most dry, clean surfaces, firmly anchoring the product in place.

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