

Skived PTFE Adhesive Tape

Base Film:	Virgin Skived PTFE	Surface Texture:	Smooth
Weight Without Adhesive:	± 5% 298 g/m²	Adhesive Type:	Silicone PSA
Weight Including Liner:	445 g/m²	Adhesion:	5.5 N/cm
Thickness Without Adhesive:	0.127 mm	Adhesive Temperature Resistance:	-73 to + 260°C
Thickness Without Liner:	0.192 mm	Dielectric Strength:	275%



Material Properties

- Extremes of heat and cold resistance: Minus -73°C to + 260°C
- Chemical inertness: Affected only by a few rare substances at very high temperatures
- High Release from sticky materials 'Non-Stick'
- Easy cleaning (Nothing bonds permanently)
- Low friction coefficient: 0.04 – 0.10; depending on load and surface speed
- Chemical corrosion and moisture resistance
- Mildew and fungus resistance
- Ultra-Violet, Infra-Red, Micro-Wave, Radio Frequency resistance
- Non Combustible – Self Extinguishing
- Low Thermal Expansion: <5%
- Food Approval (USFDA)
- Lightweight and energy efficient for economical operation

Additional Information

Availability: This material is available ex stock and can be supplied at any width from 3mm up to 2600mm wide.

Fabric Care: Do not fold or crease when handling and installing. The fabric can eventually discolour in sunlight (turns white), but otherwise is unaffected by biological or chemical agents, heat or cold within its temperature range, or by most areas of the electric magnetic spectrum.

The material can be converted to engineered product. Consult our Technical staff for further details. Also available chemically etched one side for proprietary adhesive bonding. Standard etch is silica based, sodium based etch is available on request.

PTFE (Teflon®) begins to soften at 260°C, increasing wear rate. Somewhat above 300°C, fumes are given off and these should not be inhaled. COSHH data is available upon request. After contact wash hands thoroughly before handling or smoking tobacco.

Storage: We strongly recommend that Techbelt silicone PSA tapes are stored at room temperature conditions of 21°C and 50% relative humidity and should be protected from direct sunlight and moisture.

Shelf Life: If stored correctly, these products retain their performance and properties for 6 months from date of manufacture.

Surfaces: The surfaces of the materials to be bonded must be dry, clean and free from condensation. The materials must also be free from dust, grease, oil and separating agents and cleaned if necessary.

Cleaning: For cleaning the surfaces only use a clean cloth and a solvent that is compatible with the materials, e.g. benzines or alcohol.