

Toolcoat S/T

Adhesive tape

Ideally suited for tool surface release applications

Features

- Skived TFE tape, with a high temperature pressure sensitive, fully cured silicone adhesive (Toolcoat S/T S) or acrylic adhesive (Toolcoat S/T A).
- Can be used on several contoured bond jigs and lay-up moulds, due to its high conformability.
- Its properties make it inert to almost all chemicals, corrosives and environmental factors.
- Eliminates the need for liquid or paste release coatings on tool surface and is especially useful on composite tools and press platens.
- While Toolcoat S/T gives optimum release, other applications are flash control, heat-sealing machines, covering of coating and drying rolls, chute lining, lining for guide rails, and any other non-stick, low friction applications.

Properties

Maximum use temperature	288°C (550°F)		
Adhesive	Silicone/Acrylic		
Carrier	TFE		
	S/T-02 S/A	S/T-03 S/A	S/T-05 S/A
Total thickness	90µm (0.0035in)	110µm (0.0045in)	170µm (0.0065in)
Adhesive thickness	51µm (0.002in)	76µm (0.003in)	130µm (0.005in)
Tensile Strength (lbs/in width)	30	45	60
Elongation at break	150%	175%	275%

Availability

Standard width	25.4mm up to 406mm	1in up to 16in
Standard length	32.9m	36yd
	Other sizes available on special order	

Storage

No special storage conditions.

Health & safety

Handling of these products must conform to individual company guidelines and health and safety regulations.

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