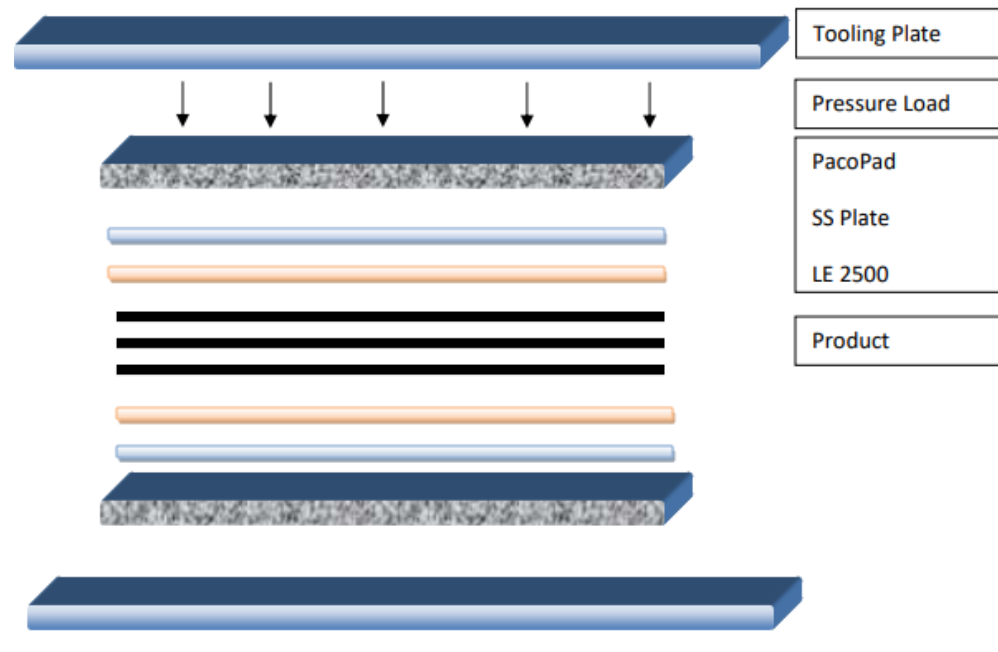


TECHNICAL DATA SHEET

PRODUCT:

PACOTHANE LE25000* is a two-sided Release Film engineered for Printed Circuit Board manufacturing. When used in applications it will consistently contain any resin squeeze-out while acting as a buffer and protect copper from damaged plates. Its low X-Y axis shrinkage helps minimize the stress effect from aluminum plates. It can help reduce the frequency of plate cleaning and prevent press pads from sticking to plates or bonding to tooling pins.

RECOMMENDED LAMINATION LAY-UP:



Physical Property		Test Method	Reported Units	Typical Values
Max. Application Temp.		Q 1025	°F (°C)	400(204)
Thickness*		Q 3019	mil (µm)	2.50 (63.50)
Density		ASTM	g/cm ³	0.94
Heat Shrinkage	MD	Q-1045	%	<5%
	TD		%	<5%
Melting Temp.		ASTM E794	°F (°C)	495°F (257°C)
Appearance		Semi-translucent		
Roughness		Ra	µm	≥ 1.5
		Rz	µm	≥ 10
Tensile Strength (At yield point)	MD	YP	ASTM D882	Kg/cm ² 230
		Elong	ASTM D882	% 410
	TD	YP	ASTM D882	Kg/cm ² 190
		Elong	ASTM D882	% 520

SHELF LIFE & STORAGE:

- Material should be kept in dry and clean room, below 113°F (45 °C)
- Material should be kept out of fire, heat and sunlight
- Shelf life: 12 months from the manufactured date

Note: Pacothane generates this data sheet and specification that are just for reference. We cannot control the performance impact of different process and manufacturing variables.