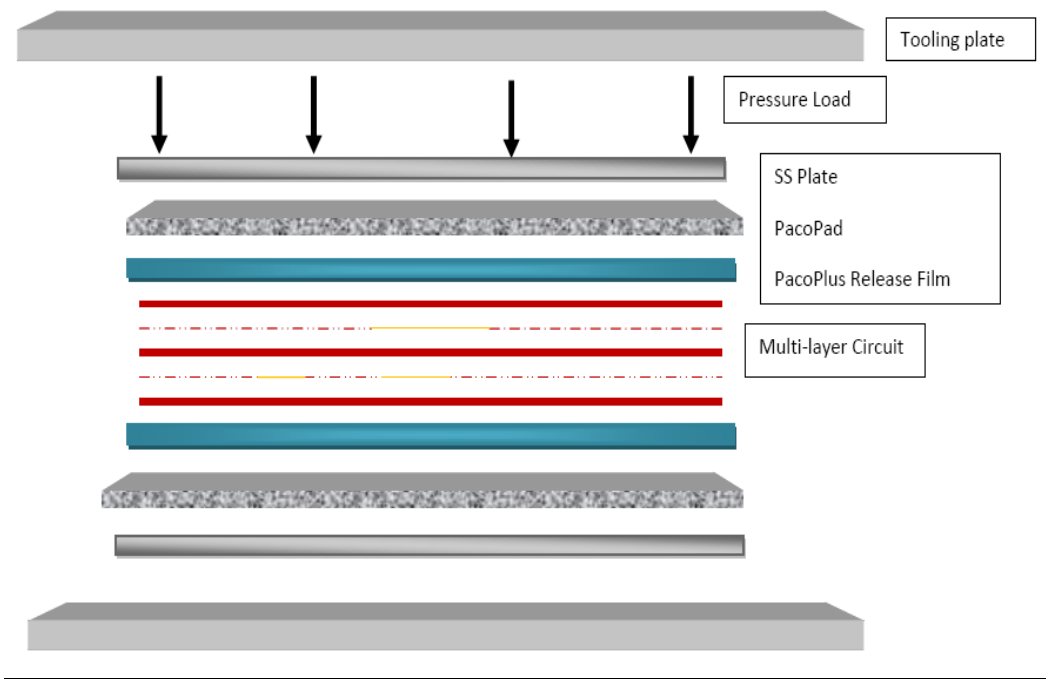


TECHNICAL DATA SHEET

PRODUCT:

Pacothane Plus is a three-ply composite conformable release film that is specifically engineered for use as a component of the Pacothane Plus System for the lamination of Flexible Printed Circuits (base stock, cover-layer and rigid-flex). Pacothane Plus brings standardization and predictability to the flex laminating process and offers tangible process advantages. The PacoPlus system consists of Pacopad and Pacoplus to optimize consistent z-axis pressure distribution. This insures consistent controls for lamination of complex Rigid Flex Printed Circuits.

RECOMMENDED LAMINATION LAY-UP:



TECHNICAL DATA:

Physical Property	Test Method	Reported Units	Typical Values		
Max. Application Temp.	Q 1025	°F	425		
Thickness	Q 3019	MiLs	7.5		
Density	ASTM	G/CM ³	1.5		
Heat Shrinkage (Heat, 190 C)	MD	Pacothane Method	%	<5%	
	TD	Pacothane Method	%	<5%	
Vicat Softening Temp.	ASTM E794	°C	240		
Appearance	White, Semi-translucent				
Tensile Strength (At yield point)	MD	YP	ASTM D882	Kg/cm ²	2520
		Elong	ASTM D882	%	120
	TD	YP	ASTM D882	Kg/cm ²	2702
		Elong	ASTM D882	%	130

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

Note: Pacothane generates this data sheet and specifications that are just for reference. We cannot control the performance impact created from different process, storage and manufacturing variables.