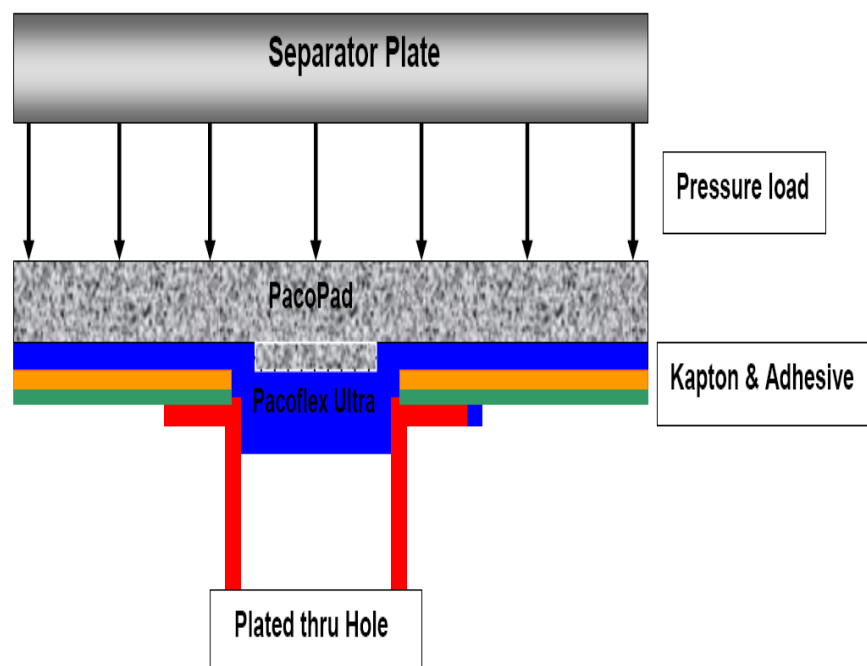


TECHNICAL DATA SHEET

PRODUCT:

PACOFLEX ULTRA® is a single-sided composite film, conformable with easy release characteristics on one side. It is available in .00625"/ 155.75µ thickness. This Conformal release film offers a robust release formulation designed to consistently reduce excessive "squeeze-out" of adhesive into pad areas or effectively block adhesive or resin flow into any other unwanted areas. **PACOFLEX ULTRA**® is specifically engineered for the Lamination of Cover Layers and Flexible Circuits. When exposed to heat and pressure **PACOFLEXULTRA**® becomes soft, conforms, and is pliable in the "Z" axis for superior sidewall conformance with the Circuitized Base Laminate and other intricate flex part topographies. The matte finish side easily identifies as the "Release" side placed adjacent to the circuit while the glossy finish is the Non-Release side placed adjacent to our Pacopad.

RECOMMENDED LAMINATION LAY-UP



Technical Data

Physical Property	Test Method	Reported Units	Typical Values		
Max. Application Temp.	Q 1025	°F/°C	425/218		
Thickness	Q 3019	MiLs	6.25/155µ		
Density	ASTM	G/CM ³	1.5		
Heat Shrinkage (Heat, 190 C)	MD TD	Pacothane Method	% %	<5% <5%	
Vicat Softening Temp.	ASTM E794	°C	230		
Appearance	Release On matt Side				
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.