



TECHNICAL DATA SHEET

HTF-621
High Performance Release Film

DESCRIPTION:

HTF-621 is a generation of film combining the chemical inertness and universal non-stick properties of PTFE polymers with maximum conformability and heat resistance. A bright blue color has been incorporated to enhance visibility on cured and uncured parts.

APPLICATION:

Consider **HTF-621** release film for the most advanced thermoset and thermoplastic systems with epoxy, phenolic, bismaleimides, polyimides and other high temperature resins. Unmatched drapability in the curing temperature range of epoxy, phenolic, BMI and comparable resins (350-400°F), as well as at high temperatures (600+°F) where HTF-621, in fact, proves to be the only conformable, yet thermally stable film available.

TECHNICAL DATA:

	ASTM Test Method	Typical Values
Color:		Blue
Tensile Strength at break**, psi	D-882-83	4300
Elongation**, %	D-882-83	550
Elastic Modulus*, psi	D-882-83	55000
Yield Stress*, psi	D-882-83	1400
Yield Strain*, %	D-882-83	2.5
Density, g/cm ³	D-1505	2.15
Melt Point, °C (°F)	D-1457-83	327 (621)
* 10 inch grip separation, 1 in/min crosshead speed, 1 inch width.		
** 2 inch grip separation, 20 in/min crosshead speed, ½ inch width.		

AVAILABILITY:

HTF-621 non-perforated, P or P-3 perforated film to accommodate all vacuum molding techniques.

.001x 48"x 500'

.002x 48"x 250'

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