

TECHNICAL DATA SHEET

BladderLease
Self-Releasing Bladder Film



DESCRIPTION:

BladderLease is a self-releasing multilayer film designed for processing hollow composite structures where ease of release and removal of the bag following cure is desirable to avoid damage to the part or entrapment of the bladder.

APPLICATION:

BladderLease is suitable for both oven and autoclave cures up to the maximum recommended cure temperature of 320°F (160°C).

BladderLease is compatible with both phenolic and epoxy resins.

In the smaller dimensions, **BladderLease** is supplied in a gusseted form to simplify placement in closed molds.

TECHNICAL DATA:

	TEST METHOD	TYPICAL VALUES
Color	-	Green
Product Width	Internal	nom. -0 +2%
Tensile Strength at Break - MD	ASTM D882	7250psi +/-10%
Tensile Strength at Break - TD	ASTM D882	6100psi +/-10%
Elongation at Break - MD	ASTM D882	445 +/-10%
Elongation at Break - TD	ASTM D882	350 +/-10%
Maximum Use Temperature	-	320°F (160°C)

The above values are "Typical Values" which have a nominal range about them and are not intended for specification purposes.

AVAILABILITY:

Lay Flat Width	Gusseted width on Roll	Gage	Roll Length
3.39" (86mm)	1.89" (48mm)	.0028" (70µm)	656' (200m)
3.94" (100mm)	2.13" (54mm)	.0028" (70µm)	656' (200m)
4.92" (125mm)	2.76" (70mm)	.0028" (70µm)	656' (200m)
5.91" (150mm)	3.03" (77mm)	.0028" (70µm)	656' (200m)
7.87" (200mm)	4.72" (120mm)	.0028" (70µm)	656' (200m)
9.84" (250mm)	5.91" (150mm)	.0028" (70µm)	656' (200m)

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