

DATA SHEET

Fluoropolymer Release Films
Highest Performance Release Films

MECHANICAL	Unit	Test Method	WL5200	WL4900	WL4500⁽¹⁾	A4000⁽²⁾
Elongation at break	>%	ASTM D 882	350	250	100	300
Tensile strength	>psi	ASTM D 882	7000	7000	14000	3000
	>N/mm ²		48	48	96	21
THERMAL						
Maximum recommended use temperature ⁽³⁾	°F		500	340	400	500
	°C		260	170	204	260
CHEMICAL						
Materials to avoid:	Compatible With Most Resin Systems					
PHYSICAL						
Density	g/cm ³	ASTM D 792	1.73	1.68	1.37	2.15
Yield	in ² /#/mil		15945	16560	20160	12960
	m ² /kg/25µm		23	22	29	18.4
Colors Available			Blue/Red	Blue	White	Red
					Trans. White	Clear
					Clear	White
						Violet
Shelf Life	Months		18	18	18	18
Gauges Available ⁽⁴⁾	Inches		.001, .002	.0005, .001	.001, .002	.001, .002
	µm		25, 50	12.5, 25	25, 50	25, 50

- NOTES: (1) Short term exposure.
 (2) Bondable A4000 is available treated one side (B.O.S.) or two sides (B.B.S.)
 (3) Maximum recommended use temperature is dependant upon the duration at maximum temperature and is process specific.
 (4) Other gauges available on special order. Please consult Airtech for further information.

CATALOG POSITION: **RELEASE FILMS**

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