

DATA SHEET  
**STRETCHLON®**  
 Highest Flexibility of Any Bagging Film

MECHANICAL	Unit	Test Method	SL 200 <sup>(1)</sup>	SL 700 <sup>(1)</sup>	SL 800	SL 850
				(Sheeting/Tubing)	(Sheeting)	(Tubing)
Elongation at break	>%	ASTM D 882	500	500	450	450
Tensile strength	>psi	ASTM D 882	8,000	6,500	10,000	12,000
	>N/mm <sup>2</sup>		55	45	69	82
<b>THERMAL</b>						
Maximum recommended use temperature <sup>(2)</sup>	°F		250	385	400	400
	°C		121	195	204	204
Melt point by DSC	°F	ASTM D 3418	N/A	395	410	417
	°C		N/A	202	210	214
<b>CHEMICAL</b>						
Materials to avoid:			Note 3	Note 3	Strong Oxidizers/ Phenol Compounds <sup>(4)</sup>	
<b>PHYSICAL</b>						
Density	g/cm <sup>3</sup>	ASTM D 792	1.10	1.23	1.11	1.14
Yield	in <sup>2</sup> /#/mil		21,600	22,503	24,280	24,280
	m <sup>2</sup> /kg/25µm		30.6	31.9	34.5	34.5
Color			Green	Cream	Orange	Orange
Shelf Life			indefinite	" "	" "	" "
Forms Available <sup>(5,6)</sup> :	mil		1.5	3	2	2
	µm		37.5	75	50	50
			Sheeting	Sheeting	Sheeting	Layflat
			Centerfold	Centerfold		Tubing
			Layflat Tubing			

- NOTES:
- (1) Sale and use of the product covered by US Patent No. 5,123,985.
  - (2) Maximum recommended use temperature is dependant upon the duration at maximum temperature and is process specific. Airtech recommends testing prior to use.
  - (3) Stretchlon 700 is recommended for phenolic and epoxy resins. Stretchlon 700 are not recommended for BMI, Polyester, or Vinylester resins.
  - (4) Stretchlon 800 and 850 are recommended for epoxies and BMI resins. Stretchlon 800 and 850 are not recommended for phenolic resins.
  - (5) Customer manufactured shapes are available to fit your individual requirements.
  - (6) Other gauges are available upon request. Minimum order required. Consult the dimension chart in this section for dimensional information. Please consult Airtech for further information.

CATALOG POSITION: **BAGGING FILMS**

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**MORE THAN A MANUFACTURER...A TECHNICAL PARTNER!**

