

DATA SHEET

**WRIGHTLON® NYLON BAGGING FILMS**  
 The Highest Elongation Of Any Standard Nylon Vacuum Film

<b>MECHANICAL</b>	<b>Unit</b>	<b>Test Method</b>	<b>Econolon</b>	<b>5400</b>	<b>6400</b>	<b>7400</b>	<b>8400</b>
Elongation at break	>%	ASTM D 882	375	375	375	400	350
Tensile strength	>psi	ASTM D 882	7000	7000	8000	8000	9000
	>N/mm <sup>2</sup>		48	48	55	55	62
<b>THERMAL</b>							
Maximum recommended use temperature (1)	°F		300	350	400	400	450
	°C		149	177	204	204	232
Melt point (minimum),	°F	ASTM D 789-94	380	400	420	420	500
Crystalline	°C		193	204	215	215	260
Flammability (Self Extinguishing)		ATP-5034	Yes	Yes	Yes	Yes	Yes
<b>CHEMICAL</b>							
Materials to avoid:	Strong Oxidizers		Yes	Yes	Yes	Yes	Yes
	Phenol Compounds		Yes	Yes	Yes	Yes	Yes
<b>PHYSICAL (2)</b>							
Density	g/cm <sup>3</sup>	ASTM D 792	1.13	1.13	1.14	1.13	1.14
Yield	in <sup>2</sup> /#/mil		24500	24500	24300	24500	24500
	m <sup>2</sup> /kg/25µm		34.8	34.8	34.5	34.8	34.8
Color			Clear	Clear	Yellow	Bl/Gr	Blue
Shelf Life			Indefinite	“ “	“ “	“ “	“ “
Gauges Available (3)	Inches		.002 & .003 & .005				
	µm		50, 75 & 125				
Forms Available (4)			Sheeting, Lay Flat Tubing, Center (V) Fold & Bags				

- NOTES: (1) Maximum recommended use temperature is dependant upon the duration at maximum temperature and is process specific. Airtech recommends testing prior to use.  
 (2) Econolon has the same properties as Wrightlon® 5400 in .0015" (33µm) thickness.  
 (3) Gauges listed available in all Wrightlon® materials. Other gauges available per special order.  
 (4) Consult the dimension chart in this section for dimensional information. Custom designed shapes are available to fit your individual requirements. Please consult Airtech for further information.

**CATALOG POSITION: BAGGING FILMS**

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