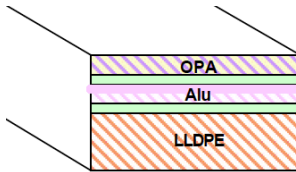


Exclusive USA / European representative
for Senawang Laminating Technologies



SL8043A Moisture Barrier Laminate



SL8043A is a shiny side out nylon/foil moisture barrier laminate used in a wide variety of applications. The laminate has been designed to provide a cost effective moisture barrier material combined with the superior physical properties of oriented nylon film. The COF of the sealant layer can be modified to suit the end user.

PHYSICAL PROPERTIES	TEST METHOD	US STANDARD	METRIC
Thickness*	ASTM D374	4.3 mil	109.0 $\mu\text{m} \pm 10\%$
Basis Weight*		72.5 lbs/ream	118.5 $\text{g}/\text{m}^2 \pm 10\%$
Yield		41.2.0 ft^2/lb 5908 in^2/lb	8.4 m^2/kg
Tensile Strength MD* TD*	ASTM D882	5075 psi 5075 psi	35.0 MPa 35.0 MPa
Elmendorf Tear Resistance MD* TD*	ASTM D1922		140 gf 180 gf
Graves Strength MD* TD*	ASTM D1004		1200 gf 1800 gf
Spencer Impact*	ASTM D3420		2800 gf
Puncture Resistance*	FTMS 101C Method 2065	17.0 lbf	7700 gf
Moisture Vapor Transmission Rate*	ASTM F1249	<0.0003 $\text{g}/100 \text{ in}^2/\text{day}$	<0.005 $\text{g}/\text{m}^2/\text{day}$
Heat Seal Range	ASTM F88-99	340°F - 500°F	170°C - 260°C
Seal Strength (min.)	ASTM F88-99 (200°C, 1s, 4 bar)	> 13.2 lbf	> 6000 gf

*Average values given.

Shelf Life: The shelf life of this is one year under normal warehouse conditions. Extreme hot or cold temperatures and humidity can cause a reduction in the shelf life.

Disclaimer: The above information is presented in good faith is based on a limited number of samples taken from normal production materials. Actual test values may vary from information presented. MacPac, Inc. and Senawang Laminating Technologies Sdn. Bhd. reserve the right to change the specification at anytime without prior notification. MacPac, Inc. and Senawang Laminating Technologies Sdn. Bhd. assume no liability, expressed or implied, for fitness of use of this product in any application. Users of this material are strongly encouraged to test its fitness of use in their processes and applications.