

HYDROBLOCK[®] SOLAR 2000 MATTE

HydroBlock Solar 2000 Matte is a 2mil (51micron) PCTFE co-polymer ultra- high barrier film, with uniform matte finish on one side. This inert and UV transparent high-performance film provides best in class moisture barrier against all climatic zones. Optically clear, it delivers exceptional moisture barrier performance across all climatic zones. Engineered with intention, designed for the future of photovoltaic demands.

HYDROBLOCK SOLAR 2000 MATTE			
Properties of 2.00 mil (51μ) film at 73°F- 50% RH	English	Metric	Test Method
Yield	8,436 in2/lb	11.98 m2/kg	
Gloss 85 deg	<5%	<5%	ASTM D523
Crystalline Melting Point	392F	200C	ASTM D4591
Dimensional Stability - MD (10 mins. @ 311°F/155°C) - TD	+ or - 2%	+ or - 2%	ASTM D1204-14
Tensile Strength	- MD	4000 – 7500 PSI	ASTM D882
	- TD	2200 – 6600 PSI	
Elongation	- MD	200 -320 %	ASTM D882
	- TD	115 – 440 %	
Surface Tension (treated side)	>42 dynes/cm		ASTM D2578
Water Vapor Transmission Rate @ 77°F (25°C) / 60% RH	gms/100in2 /day	gms/m2/day	ASTM F1249
	0.0037	0.057	
@ 100°F (37.8°C) /100% RH	0.0170	0.265	

KEY APPLICATIONS

- Consumer electronics
- Wearables
- Low-earth satellites
- Marine craft and recreational vehicles
- Flexible PV & BIPV

KEY BENEFITS

- Ultra-high moisture barrier
- UV stable and chemically inert
- Uniform matte finish
- Wide temperature tolerance
- UL Yellow card listed

SAFETY AND STORAGE

For the Safety Data Sheet and more information, visit solstice.com



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