



# M.W. WATERMARK, L.L.C

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## ENDUROLINER™ COATING

An M.W. Watermark filter press with EnduroLiner™ coating provides enhanced resistance to wear, corrosion, and sunlight exposure. EnduroLiner™ is a polyurea / polyurethane spray-on coating that exhibits excellent adhesion for seamless protection from wear and abrasion as well as excellent UV light, chemical, and moisture resistance necessary for demanding applications.

### Specifications

Dry Film Thickness	100mil
Shore A Hardness (ASTM D-2240)	85 – 90
Density (pcf) (ASTM D-1622)	70
Tensile Strength (ASTM D-2370)	2300 psi minimum
Abrasion Resistance (taber) (D-4060)	0.3% / 1,000 cycles
Elongation % (ASTM D-2370)	300 % minimum
Tear Strength (ASTM D-1004)	400 ppi minimum
Moisture Vapor Transmission, PERMS (E96)	0.025 @ 30 MILS



**EnduroLiner™ Coated Filter Press and Cake Hopper**

### Chemical Compatibility

Chemical	Opt. 1	Opt. 2	Chemical	Opt. 1	Opt. 2	Chemical	Opt. 1	Opt. 2
Aluminum Sulfate 10%	S	S	Formic Acid 90%	U	U	Potassium Hydroxide 10%	S	S
Aluminum Sulfate 50%	S	S	Gasohol (80% unleaded, 20% ethanol)	U	U	Potassium Hydroxide 50%	S	S
Ammonium Chloride 10%	S	S				Sodium Carbonate 10%	S	S
Ammonium Chloride 30%	S	S	Hydrochloric Acid 10%	S	U	Sodium Chloride 10%	S	S
Bleach (household) 5.25%	U	U	Hydrochloric Acid 37%	U	S	Sodium Chloride 30%	S	S
Calcium Chloride 10%	S	S	Hydrogen Peroxide 10%	U	U	Sodium Hydroxide 10%	S	S
Calcium Chloride 50%	S	S	Hydrogen Peroxide 30%	U	S	Sodium Hydroxide 50%	S	S
Calcium Hydroxide 10%	S	S	ISO Propanol	U	U	Sodium Hypochlorite 5%	U	U
Calcium Hydroxide 50%	S	S	Jet Fuel	U	U	Sodium Hypochlorite 10%	U	U
Calcium Hypochlorite 5%	U	U	Kerosene	U	U	Sodium Sulfate 10%	S	S
Chromic Acid 5%	U	U	Lube Oil	S	S	Sodium Sulfate 30%	U	S
Chromic Acid 10%	U	U	Magnesium Hydroxide 18%	S	S	Sulfuric Acid 10%	S	S
Citric Acid 10%	S	S	Methyl Tert-Butyl Ether 10%	U	U	Sulfuric Acid 25%	U	S
Crude Oil	U	U	Mineral Spirit	S	S	Unleaded Gasoline	U	U
Diesel #2	U	S	Mono Ethanol Amine	S	S	Sea Water	S	S
Ethylene Glycol	S	S	Nitric Acid cmc	U	S	Sodium Dihydrogen Phosphate 10%	S	U
Ferric Chloride	S	S	Phosphoric Acid 10%	S	S	Sodium Mono Hydrogen Phosphate 10%	S	U
Ferric Sulfate 10%	S	S	Phosphoric Acid 30%	S	S	Sodium Phosphate 10%	S	S

Opt. 1 – EnduroLiner™  
 Opt. 2 – EnduroLiner™ HD

U = Unsatisfactory  
 S = Satisfactory

**Note:** This chart is intended as a general guideline only. Chemical compatibility is dependent on site conditions and the nature of chemical exposure. Consult M.W. Watermark for applications not shown in this chart.

**M.W. WATERMARK – Resources For All of Your Water & Wastewater Needs**  
 Service • Experience • Expertise • Savings