



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

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.