



RUFCO[®] 610B, 1010B, 2010B & 3010B

PRODUCT DESCRIPTION

RUFCO 610B, 1010B, 2010B and 3010B are mono-layer membranes consisting of a blended medium density polyethylene. A minimum carbon black content of 2.5% provides excellent protection from UV rays and harsh weather conditions. Puncture and tear strengths far exceed common polyethylene or vinyl films.

PRODUCT USE

RUFCO 610B, 1010B, 2010B and 3010B provide the answer to applications requiring a low-cost sheeting with high puncture and tear strengths in a light-weight film. These products have excellent elongation which make them readily moldable around unusual shapes without failing. RUFCO 610B, 1010B, 2010B and 3010B are used in many covering and lining applications requiring good outdoor life longevity.

SIZE & PACKAGING

RUFCO 610B and 1010B are available in increments of 10' and up to 80,000 square foot panels. RUFCO 2010B is available in large panels up to 50,000 square feet. RUFCO 3010B is available in widths up to 200' wide and up to 27,000 square foot panels. All panels are accordion folded every 5 feet and tightly rolled on a heavy-duty core for ease of handling and time saving installation.

COMMON APPLICATIONS

RUFCO 610B & 1010B

- Pond/Canal Linings
- Outdoor Coverings
- Remediation Liners
- Cargo Covers
- Oil Field Pit Liners
- Silage Covers

RUFCO 2010B & 3010B

- Decorative Ponds
- Fire Ponds
- Brine Ponds
- Mine Tailing Ponds
- Interim Landfill Caps
- Leachate Collection Ponds



Pond Liner



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PROPERTIES	TEST METHOD	RUFCO 610B		RUFCO 1010B		RUFCO 2010B		RUFCO 3010B Typical Roll Averages/ Minimum Roll Averages	
		English	Metric	English	English	Metric	Metric	English	Metric
APPEARANCE		Black		Black		Black		Black	
THICKNESS, NOMINAL		6 mil	0.15 mm	10 mil	20 mil	0.51 mm	0.25 mm	30 mil/ 26 mil	0.76 mm/ 0.61 mm
MAXIMUM DENSITY	ASTM D792							.943 B/CM ³	
WEIGHT PER MSF		30 lbs.	14 kg	50 lbs.	100 lbs.	45 kg	23 kg	150 lbs./ 135 lbs	68 kg/ 61 kg
*1" TENSILE STRENGTH	ASTM D882 (610B & 1010B) ASTM D638 (2010B, 3010B)	21 lbf.	93 N	36 lbf.	70 lbf.	312 N	160 N	132 ppi./ 102 ppi	550N/ 450N
**ELONGATION AT BREAK	ASTM D882	800%	800%	800%	650%	650%	800%	850%/ 700%	850%/ 700%
*TEAR RESISTANCE	ASTM D1004	4 lbf.	18 N	6 lbf.	11 lbf.	49 N	27 N	16 lbf./ 12 lbf	71N/ 53N
*TRAPEZOID TEAR	ASTM D4533	21 lbf.	93 N	36 lbf.	65 lbf.	289 N	160 N		
HYDROSTATIC RESISTANCE	ASTM D751	34 psi	234 kPa	57 psi	100 psi	689 kPa	393 kPa	170 psi/ 136 psi	1172 kPa/ 940 kPa
MAXIMUM USE TEMPERATURE		180°F	82°C	180°F	180°F	82°C	82°C	180°F/ 180°F	82°C/ 82°C
MINIMUM USE TEMPERATURE		-70°F	-57°C	-70°F	-70°F	-57°C	-57°C	-70°F/ -70°F	-57°C/ -57°C
PERMEABILITY									
WVTR	ASTM E96 Method A				0.0083 g/100in ² /day	0.1290 g/m ² /day		0.009 g/100in ² /day	0.14 g/m ² /day
PERM RATING	ASTM E96 Method A				0.0187 U.S. Perms	0.0123 Metric Perms		0.024 U.S. Perms g/100in ² /day	0.0134 Metric Perms g/m ² /day



RUFCO 610B, 1010B, 2010B and 3010B contain a very high-strength polyethylene resin blended with our in-house trim and start-up material. RUFCO 610B, 1010B, 2010B and 3010B are offered as an alternative to our virgin resin films for non-critical applications. They may contain minor cosmetic gels, small surface particles and a lower minimum thickness tolerance.

Note: To the best of our knowledge, these are typical property values and are intended as guides only, not as specification limits. AMERICOVER[®] MAKES NO WARRANTIES AS TO THE FITNESS FOR A SPECIFIC USE OR MERCHANTABILITY OF PRODUCTS REFERRED TO, no guarantee of satisfactory results from reliance upon contained information or recommendations and disclaims all liability for resulting loss or damage.



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