

## PRODUCT DESCRIPTION

**RUFACO 610B, 1010B and 2010B** are mono-layer membranes consisting of a blended linear 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

**RUFACO 610B, 1010B and 2010B** 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. **RUFACO 610B, 1010B and 2010B** are used in many covering and lining applications requiring good outdoor life longevity.

## SIZE & PACKAGING

**RUFACO 610B and 1010B** are available in various increments up to 80,000 square foot panels. **RUFACO 2010B** is available in large panels up to 50,000 square feet. All panels are accordion folded every 5 feet and tightly rolled on a heavy-duty core for ease of handling and time saving installation.



*Pond Liner*

PRODUCT	PART NUMBER
RUFACO 610B .....	610B
RUFACO 1010B .....	1010B
RUFACO 2010B .....	2010B

## COMMON APPLICATIONS

### RUFACO 610B & 1010B

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

### RUFACO 2010B

- Decorative Ponds
- Outdoor Covers
- Fire Ponds
- Remediation Liners
- Brine Ponds
- Mine Tailing Ponds
- Interim Landfill Caps
- Leachate Collection Ponds

PROPERTIES	TEST METHOD	RUFACO 610B		RUFACO 1010B		RUFACO 2010B	
		English	Metric	English	Metric	English	Metric
APPEARANCE		Black		Black		Black	
THICKNESS, NOMINAL		6 mil	0.15 mm	10 mil	0.25 mm	20 mil	0.51 mm
WEIGHT PER MSF		30 lbs.	14 kg	50 lbs.	23 kg	100 lbs.	45 kg
*1" TENSILE STRENGTH	ASTM D882 (610B & 1010B) ASTM D638 (2010B)	21 lbf.	93 N	36 lbf.	160 N	70 lbf.	312 N
**ELONGATION AT BREAK	ASTM D882	800%	800%	800%	800%	650%	650%
*TEAR RESISTANCE	ASTM D1004	4 lbf.	18 N	6 lbf.	27 N	11 lbf.	49 N
*TRAPEZOID TEAR	ASTM D4533	21 lbf.	93 N	36 lbf.	160 N	65 lbf.	289 N
HYDROSTATIC RESISTANCE	ASTM D751	34 psi	234 kPa	57 psi	393 kPa	100 psi	689 kPa
MAXIMUM USE TEMPERATURE		180°F	82°C	180°F	82°C	180°F	82°C
MINIMUM USE TEMPERATURE		-70°F	-57°C	-70°F	-57°C	-70°F	-57°C
PERMEABILITY							
WVTR	ASTM E96 Method A					0.0083 g/100in <sup>2</sup> /day	0.13 g/m <sup>2</sup> /day
PERM RATING	ASTM E96 Method A					0.19 U.S. Perms	0.12 Metric Perms

\*Tests are an average of machine direction and transverse directions. \*\*Elongation can vary.



RUFACO 610B, 1010B and 2010B contain a very high-strength polyethylene resin blended with our in-house trim and select reprocessed material. RUFACO 610B, 1010B and 2010B 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. RAVEN INDUSTRIES 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.

#### PLANT LOCATIONS

Sioux Falls, South Dakota  
Springfield, Ohio

[www.rufco.com](http://www.rufco.com)

#### SALES OFFICE

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