

## Product Description

RUF<sup>CO</sup>® 610B and 1010B are membranes consisting of a blended linear polyethylene. Carbon black provides protection from UV rays. Puncture and tear strengths far exceed common C & A polyethylene films.

## Product Use

RUF<sup>CO</sup>® 610B and 1010B 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. RUF<sup>CO</sup>® 610B and 1010B are used in many covering and unexposed lining applications.

## Size & Packaging

RUF<sup>CO</sup>® 610B and 1010B are available in various increments up to 80,000 square foot panels. All panels are accordion folded and tightly rolled on a heavy-duty core for ease of handling and time saving installation.



Remediation Liner

Product	Part #
RUF <sup>CO</sup> .....	610B
RUF <sup>CO</sup> .....	1010B

## APPLICATIONS

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



# RUF<sup>CO</sup>® 610B & 1010

Linear Black Polyethylene

PROPERTIES	TEST METHOD	RUF <sup>CO</sup> 610B		RUF <sup>CO</sup> 1010B	
		Imperial	Metric	Imperial	Metric
APPEARANCE		Black		Black	
THICKNESS, NOMINAL		6 mil	0.15 mm	10 mil	0.25 mm
WEIGHT		28 lbs/MSF	136 g/m <sup>2</sup>	48 lbs/MSF	234 g/m <sup>2</sup>
*TENSILE STRENGTH	ASTM D882	23 lbf/in	40 N/cm	48 lbf/in	214 N/cm
*ELONGATION AT BREAK	ASTM D882	800%	800%	880%	880%
*TEAR RESISTANCE	ASTM D1004	4 lbf	18 N	7 lbf	31 N
PUNCTURE RESISTANCE	ASTM D4833	18 lbf	80 N	28 lbf	125 N
MAXIMUM STATIC USE TEMPERATURE		180°F	82°C	180°F	82°C
MINIMUM STATIC USE TEMPERATURE		-70°F	-57°C	-70°F	-57°C

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



RUF<sup>CO</sup>® 610 and 1010B contain a high-strength polyethylene resin blended with our in-house trim and select reprocessed material. RUF<sup>CO</sup>® 610B and 1010B are excellent materials to offer higher performance properties as an economical option with puncture and tear strengths far exceeding common C & A polyethylene films.

RUF<sup>CO</sup>® 610B and 1010B are offered as an alternative to our virgin resin films for non-critical applications and may contain minor cosmetic gels, small surface particles and a lower minimum thickness tolerance.

Note: To the best of our knowledge, unless otherwise stated, these are typical property values and are intended as guides only, not as specification limits. Chemical resistance, odor transmission, longevity as well as other performance criteria is not implied or given and actual testing must be performed for applicability in specific applications and/or conditions. 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. Limited Warranty available at [www.RavenEFD.com](http://www.RavenEFD.com)



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