

# PROTECTOR™ W16, W20, W30

WOVEN COATED REINFORCED POLYETHYLENE



## PRODUCT DESCRIPTION

Protector™ W16, W20, and W30 are woven coated fabrics made of oriented high-density polyethylene ribbons and outer layers of a resilient UV stabilized coating. Protector™ reinforced polyethylene materials have an incredibly high strength-to-weight ratio, resulting in superior tear resistance and ease of installation.

## PRODUCT USE

Protector™ W16, W20, and W30 is used in areas demanding high strength and tear resistance. The Protector™ Series is lightweight, flexible, and easy to install.

## SIZE & PACKAGING

Protector™ W16, W20, and W30 can be produced in a wide variety of sizes to meet your needs. Factory fabricated panels are available up to 5,000 lbs. All panels are accordion folded and rolled on a heavy-duty core and protectively wrapped for shipment.



Interim Landfill Cover

## PRODUCT

## PART #

PROTECTOR™ .....	W16BW
PROTECTOR™ .....	W20B
PROTECTOR™ .....	W30B

## APPLICATIONS

Oilfield Pit Liners	Soil Remediation Covers
Outdoor Stockpile Covers	Athletic Field Covers
Interim Rainshed Covers	Erosion Control Covers
Grain/Hay/Silage Covers	Ground Covers

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WOVEN COATED REINFORCED POLYETHYLENE

## PRO-FORMA DATA SHEET

PRO-FORMA DATA SHEET		W16BW	W20B	W30B
PROPERTIES	TEST METHOD	TYPICAL PROPERTIES		
APPEARANCE		Black/White	Black	Black
THICKNESS	ASTM D5199	16 mil	20 mil	30 mil
COATING THICKNESS	ASTM D1777	2.0 mil	2.0 mil	2.0 mil
WEIGHT	ASTM 3776	52 lbs/MSF 7.5 oz/yd <sup>2</sup>	62 lbs/MSF 8.9 oz/yd <sup>2</sup>	93 lbs/MSF 13.4 oz/yd <sup>2</sup>
TENSILE GRAB STRENGTH (WARP, WEFT)	ASTM D751	260 lbf 252 lbf	303 lbf 324 lbf	547 lbf 534 lbf
TONGUE TEAR STRENGTH (WARP, WEFT)	ASTM D751	64 lbf 73 lbf	136 lbf 139 lbf	172 lbf 173 lbf
MULLEN BURST STRENGTH	ASTM D3786	390 psi	530 psi	775 psi
HYDROSTATIC RESISTANCE	ASTM D751	150 psi	300 psi	480 psi
PUNCTURE RESISTANCE	ASTM D4833	135 lbf	161 lbf	280 lbf
MAXIMUM STATIC USE TEMPERATURE		180° F	180° F	180° F
MINIMUM STATIC USE TEMPERATURE		-70° F	-70° F	-70° F

### PRO-FORMA Sheet Contents:

The test values listed in this Pro-Forma data sheet are representative of initial production runs. These values may be revised at anytime without notice as additional test data becomes available.



Protector™ W16B, W20, and W30 are woven coated fabrics made of oriented high density polyethylene ribbons and outer layers of a resilient UV stabilized coating. Protector™ reinforced polyethylene materials have an incredibly high strength-to-weight ratio, resulting in superior tear resistance and ease of installation.

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. VIAFLEX 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.viaflex.com](http://www.viaflex.com)

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