



WIND DEFENDER[®] HD

Special reinforced geotextile windscreen made of knitted, green, UV stabilized HDPE filament. Wind Defender[®] is deployed and tensioned over an installed geomembrane in order to achieve a stable and reliable ballast system. Wind Defender[®] can also stand alone as a dust screen to prevent fugitive dust particles from leaving an area.

Nominal Product Values*

Test	ASTM Method	English (Typical)	Metric (Typical)
Thickness	D 5199	55 mils	1.40mm
Mass/Unit Area	D 5261	6.50 oz/yd ²	220 g/m ²
Grab Strength	D 4632	MD 175 lbs	778 N
		XD-300 lbs	1,334 N
Grab Elongation	D 4632	MD-75%	MD-75%
		XD-60%	XD-60%
CBR Puncture	D 6241	700 lbs	3,113 N
UV Resistance at 15 months, 50C°, 20 hour UV, 4 hour condensation	D 7238	475 min HPOIT 65 lbs/in strength 65% elongation	475 min HPOIT 11.38 kN/m 65% elongation

Typical U.V. Resistance- 500 Hour Exposure

Break Strength MD	D 4355	% retained	98
Break Strength XD	D 4355	% retained	109
Break Elongation MD	D 4355	% retained	101
Break Elongation XD	D 4355	% retained	101

Typical Roll Dimensions

	English	Metric
Roll Length	328 ft	100 m
Roll Width	20 ft	6 m
Roll Area	6,560 sf	609 m ²
Roll Weight	305 lbs	138 kg

*Nominal product values are average values with an acceptable maximum variance of - 10%

KEY BENEFITS

- Aesthetically pleasing
- UV Stabilized
- Provides 60% UV block for underlying materials
- Installs quickly
- Available in large rolls
- Performs well under snow load
- Lasts 3 to 10 times longer than most traditional sandbag and rope anchoring systems
- Safer to install than making and deploying heavy sandbags

APPLICATIONS

- Landfill Covers
- Stockpile Covers
- Dust Screen
- Soil Cover