



RIG GRIP[®]
INCORPORATED

Rig Grip[®] W450 Specification Sheet

Composite Components: 45mil Scrim-Reinforced TPO / 16oz Per SY Woven Geotextile

Physical Properties	ASTM Test Method	ASTM D6878 Minimum	Typical Test Data
1. Certain data is provided in MD (machine direction) x CMD (cross machine direction) format. 2. Data is based upon typical product performance, and is subject to normal manufacturing tolerance and variance.			
Heat Aging of 45-mil White side up	ASTM D753	90% Retention of Breaking Strength and Elongation at Break	100%
Cold Brittleness 45-mil White side up	ASTM D2137	-40°C	-40°C
Ozone Resistance 45-mil White side up	ASTM D1149	No visible deterioration @ 7 x magnification	No visible deterioration @ 7 x magnification
SRI (Solar Reflectance Index) Initial/Aged 45-mil White side up	N/A	N/A	94/81 83 Aged Title 24
Weather Resistance 45-mil White side up	ASTM G155/D6878	10,080 KJ/(m ² . nm) at 340 nm	>20,000 KJ/(m ² . nm) at 340 nm
Storage	Store rolls on their sides on pallets or shelving in a dry area.		

			WARP	WEFT
Ultimate Load LBS/INCH	ASTM D4595	LBS/INCH	494	806
Elongation at Ultimate	ASTM D4595	%	16.6	15.9
Load at 2% Elongation	ASTM D4595	LBS/INCH	86.5	161
Load at 5% Elongation	ASTM D4595	LBS/INCH	194	342
Puncture	ASTM D4833	LBS	458	
CBR Puncture	ASTM D6241	LBS	3310	
Nominal Thickness	120 mils Note: Thickness Comprised of 45 mils of scrim-reinforced TPO and 75 mils of Woven Geotextile			
Weight			51 oz / syd	
UV Resistance (1400 hrs) - Typical Woven side up	ASTM D4355	85	%	70
UV Resistance (1400 hrs) - MARV Woven side up	ASTM D4355	70	%	70

ISSUED BY: GC DEPT.