

INTRODUCTION

PRODRI™ 6000 is an high density extruded polyethylene (HDPE) membrane, bonded to a filter geotextile.

PROPERTIES

Raw material	HDPE
Color	Black

PHYSICAL / MECHANICAL CHARACTERISTICS

Thickness	ASTM D 1777	10.16 mm	0.40 in	±10%
Studs / m²	2500			
Compressive Strength	ASTM D 1621	718 kN/m ²	15000 psf	±20%
Drain Flow Capacity - Machine Direction				
<i>Hydraulic Gradient</i>	<i>Contact</i>	<i>i = 0.04</i>	<i>i = 0.10</i>	<i>i = 1</i>
420 psf	Soft/Rigid	3.19 gal/(ft*min)	6.28 gal/(ft*min)	19.33 gal/(ft*min)
1044 psf	Soft/Rigid	2.95 gal/(ft*min)	4.64 gal/(ft*min)	16.00 gal/(ft*min)
2088 psf	Soft/Rigid	2.66 gal/(ft*min)	4.20 gal/(ft*min)	14.01 gal/(ft*min)
4180 psf	Soft/Rigid	2.13 gal/(ft*min)	3.67 gal/(ft*min)	13.14 gal/(ft*min)

DIMENSIONAL CHARACTERISTICS

Roll width	1.22 m	4 ft	±1%
Roll width	1.83 m	6 ft	±1%
Roll width	2.44 m	8 ft	±1%
Roll length	15.24 m	50 ft	±3%

FABRIC PROPERTIES

Raw Material	PP Non Woven		
Grab Tensile Strength	ASTM D 4632	0.40 kN	90 lb
AOS Opening Size	ASTM D 4751	0.21 mm	70 US Sieve
CBR Puncture	ASTM D 6241	1.16 kN	265lb

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