

# Berland

S u p p l y

Berland Supply 87 Healy Rd Cold Spring, NY 10516

## DRAINAGE MAT



### SPECIFICATIONS

PROPERTY	TEST METHOD	ENGLISH
Fabric		
Material <sup>1</sup>		PP
Water Flow Rate	ASTM D4491	165 gpm/ft <sup>2</sup>
Grab Tensile Strength	ASTM D4632	100 lbs
CBR Puncture Resistance	ASTM D6241	275 lbs
Apparent Opening Size	ASTM D4571	70 US Std.
Grab Elongation	ASTM D4632	70 %
UV Resistance	ASTM D4355	70 % @ 500
Core		
Material <sup>1</sup>		PP/HIPS
Thickness	ASTM D1777	0.44 in
Compressive Strength	ASTM D1621	15000 lbs/ft <sup>2</sup>
Flow Rate <sup>2</sup>	ASTM D4716	17 gpm/ft
PROPERTY	TEST METHOD	ENGLISH

1 PP = Polypropylene; HIPS = High Impact Polystyrene  
 2 In-plane flow rate measured at 3,600 psf (172 kPa)

### BERLAND DRAINAGE MAT BENEFITS

BERLAND prefabricated drains are constructed using a formed polystyrene drainage core with a nonwoven filter fabric bonded to one side. The filter fabric is bonded to each dimple to prevent soil intrusion into the flow channels while allowing water to freely enter the drain core from one side.

### DETAILS

