

Polypropylene (PP GEOCELL)



Functions: Slope Protection, Channel Linings, Ground Stabilization, Erosion Control, Embankment Protection and Retaining Walls

STRUCTURE: POLYPROPYLENE GEOCELL is an expandable “honeycomb” geocell system made from coated polypropylene slit- film woven tape and available in a variety of cell heights.

BASE MATERIAL

Material Composition		Coated Polypropylene woven tape material	
Colour		White	
Thickness	Under 2kPa	0.6 mm	SANS 10221:2007
Mass		0.19 kg/m ²	SANS 10221:2007
Tensile Strength	Load	26 kN/m	SANS 10221:2007
	Elongation	21 %	

PANEL SECTIONS

Mass	Height*	75mm	4.6 kg / panel	SANS 10221:2007
		100mm	6.0 kg / panel	
		150mm	9.2 kg / panel	
		200mm	12.1 kg / panel	
Seam Strength	Load	6kN/m		SAN 10221:2007
	Elongation	15%		
Cell Size**	Nominal	212mm x 212mm (diagonal: 300mm x 300mm)		
Panel Size**	Nominal	3m x 10m per panel 0.65m x 0.65m (packed)		
Panel Border		Available on request		
Sidewall Perforations		Available on request		

* Represents the Standard product heights. Other heights are available on request

** Custom cell sizes and panel dimensions can be made to order

