

## TMP GEOSYNTHETICS – HDPE Geocell (Smooth)

### Introduction

- TMP Geocell is engineered for soil stabilization applications, it is used to help improve the performance of standard construction materials and erosion-control treatments.
- TMP Geocell is a lightweight and flexible three-dimensional, expandable panels made from high-density polyethylene(HDPE) strips which are ultrasonically bonded together to form an extremely strong configuration. TMP Geocell System can be filled with a wide range of material: aggregate, concrete, sand, soil, etc.



### Applications

- Erosion Control
- Slope Protection
- Retaining Wall
- Slope Protection Applications
- Load Support
- Channel Protection
- Ground Stabilization

### Specifications

Properties	GC0733	GC1033	GC1533	GC2033	GC0766	GC1066	GC1566	GC2066
Material	HDPE(High Density Polyethylene)							
Standard Colour	Black							
Density (g/cm)	> 0.94							
Carbon Black content (%)	> 1.5							
Sheet Thickness, mm	1.10							
Seam Peel Strength, N/10cm	> 1200							
Welding Distance,mm	330				660			
Cell Depth,mm	75	100	150	200	75	100	150	200
Expanded Cell Size,mm	244(Width)X203(Length)				488(Width)X406(Length)			
Cells per Section	300				150			
Expanded Section size,m	2.44(Width)X6.15(Length)				2.44(Width)X12.29(Length)			
Expanded Section Area,m2	15±1%				30±1%			

Notes: 1. Welding Distance: 330mm-1000mm.

2. Width can be made according to the customer's demand, and other special standards will carry out by agreement or contract.