



A division of TAIMEI Group

- ☒ GEOCELL
- ☐ WOVEN GEOTEXTILE
- ☐ NON-WOVEN FABRIC
- ☐ GEOMEMBRANCE
- ☐ HDPE MEMBRANE



Geocell

QINGDAO TAIMEI PRODUCTS CO., LTD

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Cellular confinement systems

also known as geocells—are widely used in construction for erosion control, soil stabilization on flat ground and steep slopes, channel protection, and structural reinforcement for load support and earth retention. This cellular confinement systems made with ultrasonically welded high-density polyethylene (HDPE) strips or novel polymeric alloy (NPA)—and expanded on-site to form a honeycomb-like structure—and filled with sand, soil, rock, gravel or concrete.



Technical Spec (GB/T19274-2003)

Item Model	Open Width (cm)	Open Length (cm)	Cell Height	Welding Distance (mm)	Thickness (mm)	Weight (g)	Peeling Strength (N/mm)	Welding Strength (N/mm)	Yield strength (N/MPa)
50-400	600	400	50	400	1	550	10	10	18
75-400	600	400	75	400	1	850	10	10	18
100-400	600	400	100	400	1	1100	10	10	18
150-400	600	400	150	400	1	1600	10	10	18
200-400	600	400	200	400	1	2200	10	10	18

Note: Beside 400 welding distance, we also have 150mm, 200mm, 300mm distance

For further information, please contact: info@taimeichina.com

