

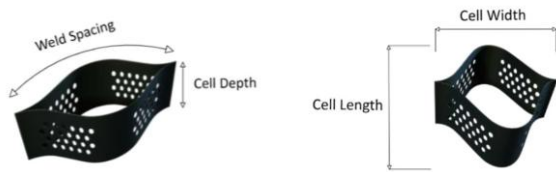


The high-performance cellular confinement solution to stabilize soil, control erosion, and distribute loads efficiently across challenging terrains.

ArmaWeb is a high-performance, 3D cellular confinement solution made from durable High-Density Polyethylene (HDPE), designed for soil stabilization and erosion control.

The solution reinforces steep slopes, protects liners, distributes loads over weak soils, and supports retaining structures. With customizable sizes, textured and perforated cells, it ensures efficient installation and long-term performance.

Ideal for infrastructure, mining, and environmental projects, ArmaWeb offers a versatile and sustainable ground engineering solution.



Technical properties

Properties \ Reference	Test Method	Units	330	356	445	660	712
<b>Physical properties</b>							
Material			Textured and perforated High-Density Polyethylene (HDPE)				
Density	ASTM D792	g/m <sup>2</sup>	0.935 – 0.965				
Carbon black content	ASTM D1603	%	1.5 – 3.0				
Nominal sheet thickness (Post Texturing)	ASTM D5199	mm	1.5				
Seam efficiency	GRI-GS13	%	100				
Weld spacing		mm	330	356	445	660	712
<b>Expanded cell dimensions</b>							
Expanded cell width		mm	239	257	318	481	506
Expanded cell length		mm	212	229	291	428	476
<b>Mechanical properties</b>							
Cell Depth (mm)		mm	75 / 100 / 150 / 200 / 250 / 300				
Seam Peel Strength (N)	ISO 13426-1 Method B	kN/m	1065 / 1420 / 2130 / 2840 / 3550 / 4260				
Elongation at Designated Strength (± 2%)		%	10	10	10	10	10
Tensile Strength at 5% Strain (± 5%)		kN/m	20	30	40	50	60
<b>Standard packaging<sup>i</sup></b>							
Nominal expanded section width		m	2.39	2.50	2.50	2.40	2.50
Nominal expanded section length		m	6.83	7.10	8.95	13.30	14.56
Nominal expanded section area		m <sup>2</sup>	16.30	17.80	22.60	31.70	36.80

<sup>i</sup> These values may vary

These properties may change at the time of handling, storage and shipping.  
 The values can be customized.  
 The above values are subject to change as per discretion of the company.  
 Accessories such as anchors, tendons, etc. can be supplied upon request.

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