StrataWeb®

StrataWeb® is a lightweight yet strong, 3D rhomboidal cellular confinement system, which offers unique, eco-friendly solutions for various civil engineering challenges. Engineered for diversity, StrataWeb® can be utilised in various sectors such as roads, railways, ports and others.

Material properties

Polymer density (ASTM D 1505)	g/cm^3	0.935-0.965
Environmental stress crack resistance (ASTM D 1693)	hrs	>5000
Carbon black content (ASTM D 1603)	%	1.5% (± 3%)
Nominal sheet thickness (post texturing) (ASTM D 5199)	mm	1.4mm (± 3%)

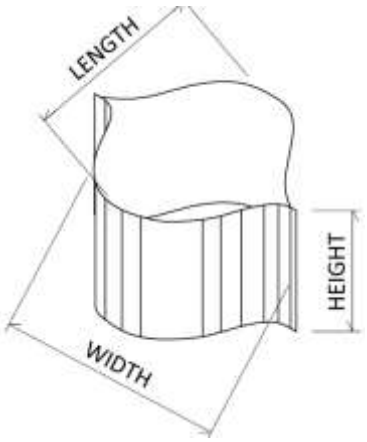
Material	Compound of various Polyethylenes and additives
Texture	Polyethylene strip consists of a multiple rhomboidal indentations, over the entire strip area on both sides of the strip. The indentations have a surface density of 22 to 32 per cm^2.
Perforations	Polyethylene strip is perforated with horizontal rows of maximum 10 mm diameter holes. Cell perforations area is less than 12% of cell surface area

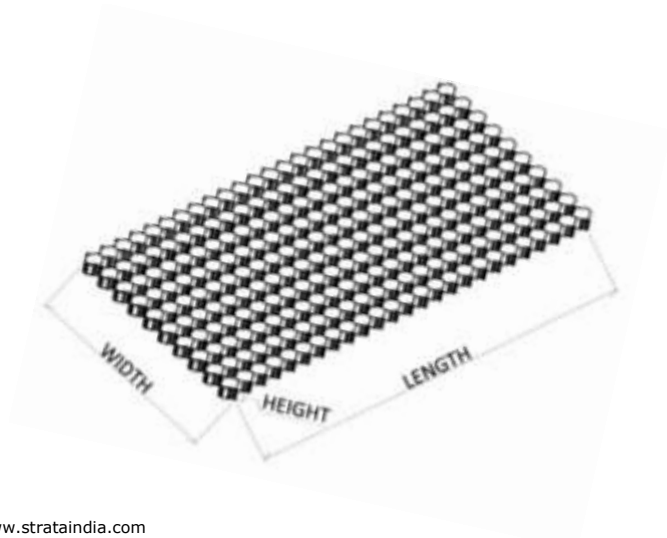
Cell/ Section properties

Property		**Unit**	**SW 330**	**SW 356**	**SW 445**	**SW 660**	**SW 712**
Weld spacing (± 3%)		mm	330	356	445	660	712
Cell Depth (± 3%)		mm	75, 100, 125, 150, 200, 250, 300				
Expanded cell dimensions (± 3%)	Width	mm	244	259	320	488	508
	Length	mm	210	224	287	436	475
Expanded cell area (± 3%)		cm^2	250	289	460	1000	1206
Nominal expanded section[1] (± 3%)	Width	m	2.44	2.59	2.56	2.44	2.56
	Length	m	6.10	6.50	8.35	12.63	13.72
Nominal expanded section area (± 3%)		m^2	14.9	16.8	21.4	30.8	35.1

Seam properties		**Cell depth**						
	mm	**75**	**100**	**125**	**150**	**200**	**250**	**300**
Seam peel strength (± 5%) (US ACE Technical report, GL-86-19)	N	1065	1420	1775	2130	2840	3550	4260

[1]*The values can be customized*
The properties might change at the time of manufacturing, storing, handling or shipping
The above values are subject to change as per discretion of the company





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