

Product Comparison Datasheet – VersiGrid™ Soil Stabilization & Ground Reinforcement Grid Systems

VersiGrid™ product

Model :	<u>L/D1.0 grade</u>		<u>M/D1.5 grade</u>		<u>H/D2.0 grade</u>			
Measurement	SAE/US	Metric	SAE/US	Metric	SAE/US	Metric		
Dimensions of individual Pieces	12 x 12 in. x 1.0 in.	30.48 x 30.48 X 2.54 cm	12 x 12 in. x 1.5 in.	30.48 x 30.48 X 3.81 cm	12 x 12 in. x 2 in.	30.48 x 30.48 X 5.08 cm		
Cell Wall thickness (i/o)	.15/ .20 in.	3.81/ 5.08 mm	.15 / .20 in.	3.81 / 5.08 mm	.20 / .251	5.08 / 6.38 mm		
weight/axle Vehicular LOAD	<25 US Tons per AXLE	<22.7 mt per AXLE	<25 US Tons per AXLE	<22.7 mt per AXLE	<35 US Tons per AXLE	<31.75 mt per AXLE		
*Compressive STR	<12.3 Tons/ft ²	<120 mt/m ²	<12.3 Tons/ft ²	<120 mt/m ²	< 35 Tons/ft ²	<350 mt/m ²		
Material	100 % Recycled plastic material 100% Post consumer and/or post production Recyclable and re-usable							
Stability of Shape	Temperature Range: - 58° TO +194° Fahrenheit -50 up to +90° Centigrade							
H ₂ O absorption	_ 0.01% / mass							
Environmental comparability	Ecologically compatible, ground water neutral, non-toxic to plants and micro-organisms. Does not decay into toxic or noxious materials. weatherproof, UV-Stabilized, fracture-resistant							
Solubility	Chemically and biologically inert: resistant to acids and compounds (salts including marine salts, ammonia and Urea, acid rain etc.) Alcohol or similar solvents, and petroleum distillates.							
Installation	1,000 ft² / man-hour avg. 100 m² per person per hour average							
<u>Packaging & Shipping:</u>								
Weight/piece	1.0 lbs	.45 kg	1.3 lbs	.59 kg	2.3 lbs	.96 kg		
Weight/layer	12.0 lbs	5.44 kg	15.6 lbs	7.08 kg	27.6 lbs	11.49 kg		
Pieces/Area	1 pc/ft ² 1.19599 ft ² /pc	10.76 pcs/m ²	1 pc/ft ² 1.19599 ft ² /pc	10.76 pcs/m ²	1 pc/ft ² 1.19599 ft ² /pc	10.76 pcs/m ²		
Pieces/layer	12 pcs/layer = 14.3519 ft ²	12 pcs/layer	12 pcs/layer = 14.3519 ft ²	12 pcs/layer	12 pcs/layer	12 pcs/layer		
Layers/pallet	90	90	60	60	45	45		
Pieces/pallet	1080 pcs	1080 pcs	720 pcs	720 pcs	540 pcs	540 pcs		
Pieces/truck area/pallet	Varies	Varies	Varies	Varies	Varies	Varies		
Pallets / truckload	Varies per carrier, typically 20 pallets or more export: 20 pallets+ per 40-foot Hi-Cube shipping container							
area/ container	21,600 ft ²	2007 m ²	14,400 ft ²	1338 m ²	10,800 ft ²	1003 m ²		
Loaded Pallet Dimensions	37 x 49 x 96 in. Incl pallet	93.98 x 124.46 X 243.84 cm	37 x 49 x 96 in. Incl pallet	93.98 x 124.46 X 243.84 cm	37 x 49 x 96 in. Incl pallet	93.98 x 124.46 X 243.84 cm		
pallet height	4.5" 16.2 lbs.	11.43 cm	4.5" 16.2 lbs.	11.43 cm	4.5" 16.2 lbs..	11.43 cm		

Loaded Pallet Gross weight	1100 lbs.	499 kg	1050 lbs.	476 kg	1275 lbs.	578 kg		
Model :	L/D1.0 grade		M/D1.5 grade		H/D2.0 grade			

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