

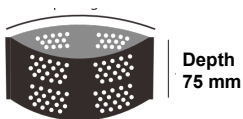
SUB-BASE OPTIMISATION

SUPER-CELL 100MM - 445

TECHNICAL SPECIFICATIONS

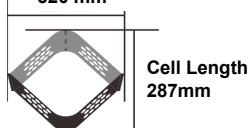
MATERIAL PROPERTY	TEST METHOD	VALUE
Cell		
Cell Depth	-	100 mm (±1%)
Weld Spacing	-	445 mm (±0.5%)
Property		
Material	-	Ecology™ HDPE Basic
Density	ASTM D1505	0.940-0.960 g/cm ³
Carbon Black	ASTM D1603	≥ 1.5 %
Peeling Strength	EN ISO 13426-1 Method B	1600 N [16 kN/m] (min.avg.)
Splitting Strength	EN ISO 13426-1 Method C	3000 N [30 kN/m] (min.avg.)
Tensile Strength	ASTM D638	≥ 25 kN/m
ESCR	ASTM D1693	≥ 7000 hrs
Nominal Dimension (Expanded)		
Cell Size	-	320 mm x 287 mm
Cell Numbers	-	8 cells (W) x 34 cells (L)
Section Size	-	2.56 m (W) x 9.75 m (L)
Section Area	-	24.96 m ² (±10%)

Weld Spacing 445 mm

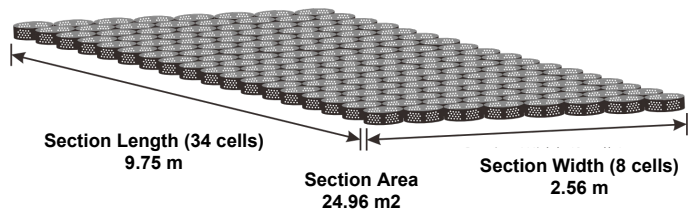


Depth
75 mm

Cell Width
320 mm



Cell Length
287mm



Notes:

1. Peeling strength > 145N/cm when including tendon holes
2. Section size can be customized
3. The dimensions listed are theoretical and may in actual use
4. Additional datasheets with specific information can be provided upon request

Applications:

- Soil Stabilization
- Slope Protection
- Erosion Control