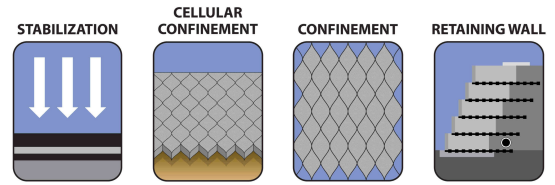




# BaseLok GC30T

## Baselok GeoCell



**GC30T** sections are manufactured from (58) 300" long HDPE strips. Section is 29 cells L X 17 cells W. Weld spacing is 17.5 in ± 0.12 in. Cell density is 21.7 cells/sm. Cell walls are textured with rhomboidal indentations having a surface density of 140 to 200/sq in. If perforated, 13% ± 3% of cell wall is removed.

**Color:** Standard strips are black. (Tan, Green, other colors with no heavy metal content available upon request).

**Stabilizer:** Hindered amine light stabilizer (HALS) 2.0% by weight of carrier.

**Cell Depths:** 2" (50mm), 3" (75mm), 4" (100mm), 6" (150mm), 8" (200mm)



PROPERTY	TEST METHOD	ENGLISH	METRIC
Environmental Stress Crack Resistance	<u>ASTM D-5397</u>	400 hours	400 hours
Carbon Black Content	<u>ASTM D-1603</u>	1.5 % by weight - minimum	1.5 % by weight - minimum
Expanded Cell Area <span style="border: 1px solid black; border-radius: 10px; padding: 2px;">Nominal</span>	Measured	71.3 in	460 cm
Expanded Cell Size Length x Width <span style="border: 1px solid black; border-radius: 10px; padding: 2px;">Nominal</span>	Measured	11.3 x 12.6 inches	287 x 320 mm
Expanded Panel Area <span style="border: 1px solid black; border-radius: 10px; padding: 2px;">Nominal</span>	Measured	489 f <sup>2</sup>	45.4 m <sup>2</sup>
Expanded Panel Size (width x length) <span style="border: 1px solid black; border-radius: 10px; padding: 2px;">Nominal</span>	Measured	17.85 x 27.4 ft	5.44 x 8.35 m
Polymer Density <span style="border: 1px solid black; border-radius: 10px; padding: 2px;">Minimum</span>	<u>ASTM D-1505</u>	58.4 x 60.2 lb/ft <sup>3</sup>	0.935 x 0.965 g/cm <sup>3</sup>
Sheet Thickness (before/after texturing) <span style="border: 1px solid black; border-radius: 10px; padding: 2px;">Nominal</span>	<u>ASTM D-5199</u>	50 / 60 mils (-5% +10%)	1.27 / 1.52 mm (-5% +10%)

> Cell Depth	in (mm)	<b>2</b> (50)	<b>3</b> (75)	<b>4</b> (100)	<b>6</b> (150)	<b>8</b> (200)
> Seam Peel Strength <sup>(1)</sup>	lbf (N)	<b>160</b> (710)	<b>240</b> (1065)	<b>320</b> (1420)	<b>480</b> (2130)	<b>640</b> (2840)
> Seam Hang Strength	A 4 in (102mm) weld joint supporting a load of 160 lbs (72.5 kg) for 30 days minimum or a 4 in (102mm) weld joint supporting a load of 160 lbs (72.5 kg) for 7 days minimum while undergoing temperature change from 74°F (23°C) to 130°F (54°C) on a 1 hour cycle.					

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(1) Seam Peel Strength per U. S. Army Corps of Engineers Technical Report GS-86-19, Appendix A.

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