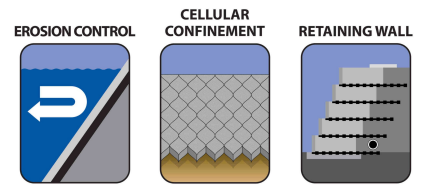




# BaseLok GC40T

## Baselok GeoCell



**GC40T** sections are manufactured from (58) 312" long HDPE strips. Section is 29 cells L X 11 cells W. Weld spacing is 28.0 in ± 0.12 in. Cell density is 8.3 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.

**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 <small>Nominal</small>	Measured	187 in	1,206 cm
Expanded Cell Size Length x Width <small>Nominal</small>	Measured	18.7 x 20 inches	475 x 508 mm
Expanded Panel Area <small>Nominal</small>	Measured	833 f <sup>2</sup>	77.4 m <sup>2</sup>
Expanded Panel Size (width x length) <small>Nominal</small>	Measured	18.5 x 45 ft	5.64 x 13.72 m
Polymer Density <small>Minimum</small>	<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) <small>Nominal</small>	<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.					

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