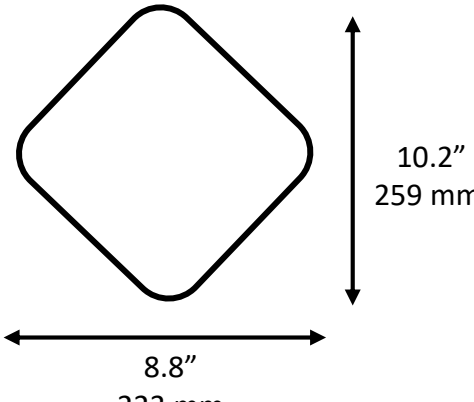


# Load Support Grid

## Cell Detail

	<p><b>Manufactured Cell Depths</b></p> <p>3"      75 mm          4"      100 mm          6"      150 mm</p> <p>Weld Distance:    14"</p> <p><b>Expanded Unit Dimensions</b>          9' x 23.92' (2.74 m x 7.3 m)</p>
---	---

## Material Specifications

Properties	Test Method	Test Value
Material Composition	ASTM D1505	Polymer; virgin HDPE Density: 0.9574 g/cm <sup>3</sup>
Nominal Sheet Thickness	ASTM D5199	1.45 mm
Environmental Stress Cracking	ASTM D1693	>4500 Hrs.
Stabilizer	ASTM E682	Hindered amine light stabilizer (HALS) 1.0% by weight
Short Term Seam Peel Strength		3" (75 mm)      1065 N 4" (100 mm)     1542 N 6" (150 mm)     2170 N
Long Term Seam Peel Strength	A 100 mm (4inch) wide section sample shall support a (160 lb.) load for a period of 7 days (168 hrs.) minimum in a temperature controlled environment undergoing a temperature change on a 1 hour cycle from ambient room temperature to (130° F)	

## Product Description

Item Code	Cell Depth	Expanded Unit Dimensions	Area / Unit	Pallet Qty
LSG-3	3" (75 mm)	9' x 23.92' (2.74 m x 7.3 m)	215 SF	24
LSG-4	4" (100 mm)	9' x 23.92' (2.74 m x 7.3 m)	215 SF	18
LSG-6	6" (150 mm)	9' x 23.92' (2.74 m x 7.3 m)	215 SF	12

Cell-Tek Geosynthetics assumes no liability for the accuracy or completeness of this information or for the ultimate use by the purchaser. Cell-Tek Geosynthetics disclaims any and all express, implied, or statutory standards, warranties or guarantees, including without limitation any implied warranty as to merchantability or fitness for a particular purpose or arising from a course of dealing or usage of trade as to any equipment, materials, or information furnished herewith. This document should not be construed as engineering advice.

**Cell-Tek Geosynthetics, LLC**

809 Barkwood Court, Suite M, Linthicum Heights, Maryland 21090 U.S.A.

Tel: 410-721-4844 | Fax: 410-721-3844

[info@celltekdirect.com](mailto:info@celltekdirect.com) | [www.celltekdirect.com](http://www.celltekdirect.com)