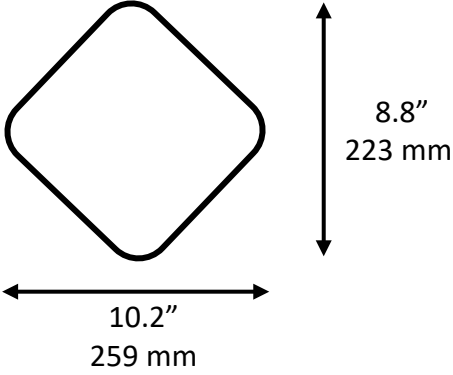


# Load Support Grid

## 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>          8' x 22.5' (2.44 m x 6.86 m)</p>
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## 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 Crack Resistance	ASTM D1693	>6,000 Hrs.						
Environmental Stress Crack Resistance	ASTM D5397	>400 Hrs.						
Stabilizer	ASTM E682	Hindered amine light stabilizer (HALS) 1.0% by weight						
Short Term Seam Peel Strength		<table border="0"> <tr> <td>3" (75 mm)</td> <td>1065 N</td> </tr> <tr> <td>4" (100 mm)</td> <td>1542 N</td> </tr> <tr> <td>6" (150 mm)</td> <td>2170 N</td> </tr> </table>	3" (75 mm)	1065 N	4" (100 mm)	1542 N	6" (150 mm)	2170 N
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-3inch	3" (75 mm)	8' x 22.5' (2.44 m x 6.86 m)	180 SF	24
LSG-4inch	4" (100 mm)	8' x 22.5' (2.44 m x 6.86 m)	180 SF	18
LSG-6inch	6" (150 mm)	8' x 22.5' (2.44 m x 6.86 m)	180 SF	12

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