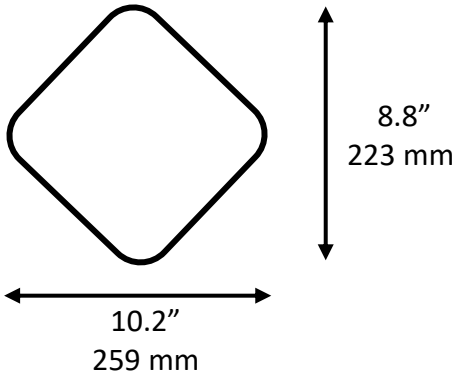
Load Support Grid

Cell Detail



Manufactured Cell Depths

3”	75 mm
4”	100 mm
6”	150 mm

Weld Distance: 14”

Expanded Unit Dimensions
9’ x 23.92’ (2.74 m x 7.3 m)

Material Specifications

Properties	Test Method	Test Value
Material Composition	ASTM D1505	Polymer; virgin HDPE Density: 0.9574 g/cm³
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		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

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