

13.5 Gauge Mattresses

Materials

Wire Mesh

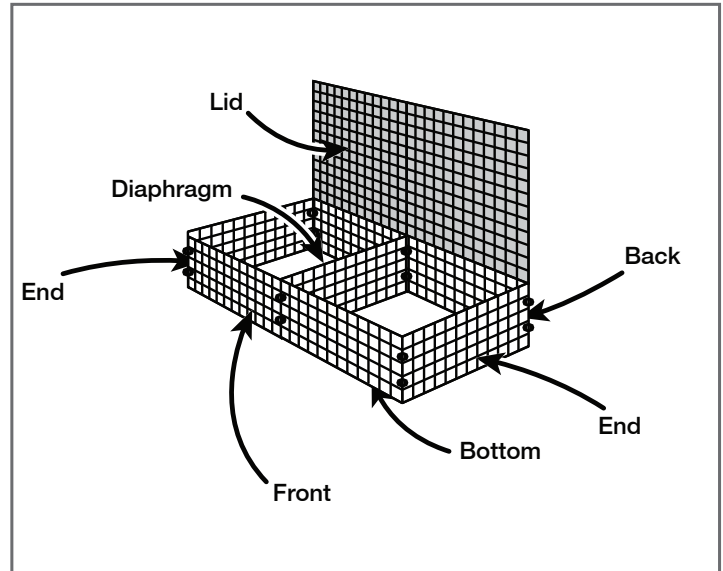
Opening	3" x 1.5"
Diameter	13.5 Gauge (0.087")
Galvanized	0.8 oz / ft ²
Tensile Strength	60,000 psi min.
Weld Shear Strength	225 ft-lbs

Spiral Wire

Diameter	12 Gauge (0.0106")
Galvanized	0.8 oz / ft ²
Tensile Strength	60,000 psi min.

Lacing Wire

Diameter	13.5 Gauge (0.087")
Galvanized	0.8 oz / ft ²
Tensile Strength	60,000 psi min.



Fabrication

In accordance with ASTM A974, Lane mattresses are manufactured with all panels mechanically connected at the production facility, aside from the lid. Mattress lids are supplied as panels, or in 200' roll form if specified. They are supplied in collapsed form and stacked in bundles for easy job site assembly. Where the length of the mattress exceeds the width, the length is divided equally into cells using diaphragm panels so that each cell is no greater than one cubic yard. Each Lane mattress is supplied with enough accessories (vertical spirals, temporary fasteners, and lacing wire) to completely assemble and install, with minimal tools required. See gabion and mattress installation guide for details. In addition, all Lane mattresses are made from materials made in the USA.

Standard 13.5 Mattress Sizes

Size	Cells	Capacity (cu. yds.)	Weight (lbs.)	PVC Weight (lbs.)
6' x 6' x 6"	1	1	30	37
6' x 6' x 9"	2	2	32	40
6' x 6' x 12"	3	3	34	43
9' x 6' x 6"	4	4	42	53
9' x 6' x 9"	1	0.5	45	57
9' x 6' x 12"	2	1	48	61
12' x 6' x 6"	3	1.5	55	69
12' x 6' x 9"	4	2	58	73
12' x 6' x 12"	1	0.33	62	78

For more information about Lane's Welded Wire Mesh Gabion & Gabion Mattresses, visit: lane-enterprises.com.