

Emmbi's Grid Lock Bags



When Strength is Non-Negotiable – Grid Lock It

Engineered Strength for Rugged Products like Rebars, Rods, Metal Scrap



Introducing Emmbi's Grid Lock Bags

Designed for Rebars, Ready for More

Emmbi's Grid Lock Bags set a new standard in bulk packaging, designed to securely carry heavy, irregular items like rebars, rods, pipes, and industrial components. The unique reinforcement grid system ensures your load stays secure, even under extreme strain, keeping your materials intact and contained.

Built for the Toughest Loads

Crafted using standard GSM woven fabric, Grid Lock Bags incorporate bottom and body-reinforced loops that absorb and redistribute tension effectively. This ensures longer life, reduced failure risk, and consistent performance under repeated loading cycles.

Smart Load Distribution

Thanks to the All-Panel Design, the load weight is spread uniformly across the bag, reducing pressure points and preventing stress-induced tearing—perfect for transportation and storage of non-uniform or sharp-edged materials.

Secure Even When Stressed

Rebars don't forgive. That's why our bags feature extra stitched loop systems at the base, adding robust resistance against puncture and rupture. Even in high-impact conditions, the Grid Lock Bag maintains containment—protecting your goods and your team.

Engineered for Ease

Open-top access, cross-corner loops, and Stevedore lifting points make on-site operations smoother, safer, and more efficient. Whether it's cranes, forklifts, or manual handling, this bag adapts to your workflow.

Strong Yet Sustainable

Durability doesn't have to come with excess weight. Our design achieves high strength with lower GSM, reducing material usage and making it a more eco-friendly, cost-effective choice for heavy industries.



Small Grid Lock Bags

Bag Size: 30x20x20 Inch & Safe working loads- 500LBS

Side View



Base View



Medium Grid Lock Bags

Bag Size: 30x30x30 Inch & Safe working loads- 2500LBS

Side View



Base View



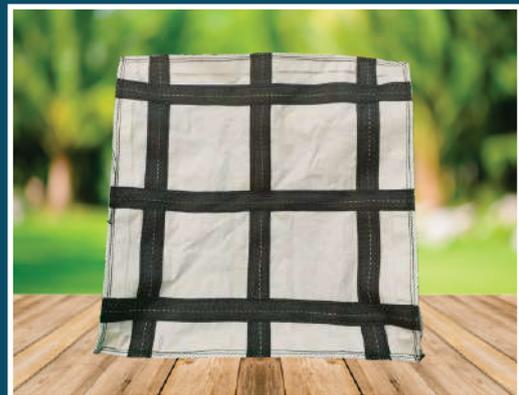
Large Grid Lock Bags

Bag Size: 38x38x35 Inch & Safe working loads- 3000LBS

Side View



Base View





Key Features

Engineered for Extreme Demands Grid Features

All-Panel Reinforcement: Load doesn't fail even if one panel tears. Damage stays isolated—no catastrophic collapse.

Bottom-Sewn Grid Loops: Extra security against punctures or tearing by sharp rebar ends.

High Strength Without High GSM: Lower fabric usage, lower cost, lighter handling – with no compromise on durability.

Multi-Lift Options: Cross-corner + Stevedore loops for flexible, efficient handling across construction environments.

Tear-Proof Containment: Even in extreme conditions, rebars won't fall out. Grid Lock offers controlled damage – your safety net.

Eco-Efficient Design: Less plastic, smarter construction – built with sustainability in mind.

Grid Lock vs Conventional FIBC Comparison

Emmbi Grid Lock Bag	Conventional FIBC Bag
Damage localized; load remains safe	Tear propagates; load collapses
All-panel, reinforced with cross-loops	Basic panel, no full reinforcement
Standard GSM with engineered support	High GSM to compensate for strength
Stevedore + Cross-corner options	Usually cross-corner only
Anti-puncture grid design	Higher risk of rebar penetration
High strength-to-weight ratio	Fabric-intensive, less efficient

The smart choice for safety, savings, and sustainability.



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