



Quad-Ton FIBC



Maximum Strength Maximum Load



Quad-Ton FIBC

Transforming the Global Packaging Landscape:

If only Emmbi's Quad-Ton FIBC existed back when Hercules had to lift the earth onto his shoulders!

We're a bit late for Hercules, but not for you!



Emmbi's Quad-Ton FIBC helps reduce the carbon footprint by increasing the load factor of Ships or trucks as you can now transport the packages of as heavy as 4000 KG (8800 Lbs).

With an astounding carrying capacity of up to 4 metric tons, it is the apex of packaging solutions. Not only does it epitomize durability and innovation, but its ability to transport massive loads in a single go can significantly curtail transportation costs. Quad-Ton FIBC is a game-changer, primed to revolutionize logistics in growing industries, enhancing efficiency while ensuring cost-effectiveness. Quad-Ton FIBC rises to this challenge, specifically engineered for transporting iron balls.



Innovative Design by Emmbi Industries:

Emmbi Industries has unlocked a new echelon in packaging with its specialized technology. Harnessing state-of-the-art polymer blends, Quad-Ton FIBC is woven with super-strong threads that are tailored to perfection for carrying unprecedented weights securely, meeting and surpassing modern industrial & logistic demands.



Labordata Certified

Member of Q-PAL-IBF Global Quality Association of Independent Packaging Laboratories
Authorized Laboratory for Packaging and IBCs of Dangerous Goods. Authorized Third Party Inspectors

Test Certificate No. 12821.1/23-9

Date of test: 5.9.2023
Date of expiry: 5.9.2026
Number of pages: 4 B / G
This Certificate is only valid when printed in colour and complete with all 4 pages.

Applicant: Emmbi Industries Limited
Ground Floor, Dani Corporate Park 158, CST Road, Kalina, Santacruz (East)
Mumbai - 400 098 (Maharashtra), India

Test piece: *Flexible Intermediate Bulk Containers - SWL = 4000 kg, SF = 5:1
Single trip FIBCs for non-dangerous goods acc. ISO 21898*

Design:
Manufacturer's type designation: EIL/CircularCrossCornerFullLoops/100-200/4000.5:1(90x200)FIBC
Dimensions: Sample a: (90 cm x 90 cm) x 90 cm¹⁾ Volume: 800 litres Tare: 5120 g
 Samples b + c: (90 cm x 90 cm) x 200 cm¹⁾ Volume: 1850 litres Tare: 8680 g
Wall fabric: Double laying, Circular fabric, Polypropylene 2 x 200 g/m², uncoated²⁾, white fabric with four green, four yellow and sixteen blue coloured tapes and eight reinforcing stripes
Base fabric: Double laying, Polypropylene 2 x 200 g/m², uncoated²⁾
Suspension: Four double laying white PP webbing (101 mm wide, 2 x 90 g/m²) sewn flat onto the reinforcing stripes in a length of 85 cm (85 cm (lowest size) resp. 160 cm (highest size), running around the body and the bottom, overlapping at the bottom in a length of 50 cm, cross corner design, anchorage lengths for intermediate sizes see page 3
Details: No vertical seams, four horizontal seams at the bottom (overlock + chain stitching) / wall and base fabric folded in the bottom seams / open top³⁾ / no valnet / no discharge spout³⁾

Applications:



Pig Iron

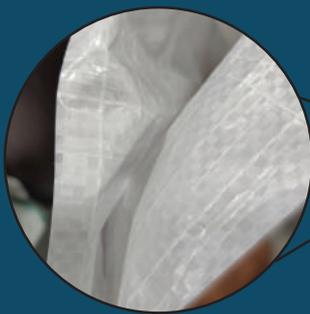


Mountain path reconstruction

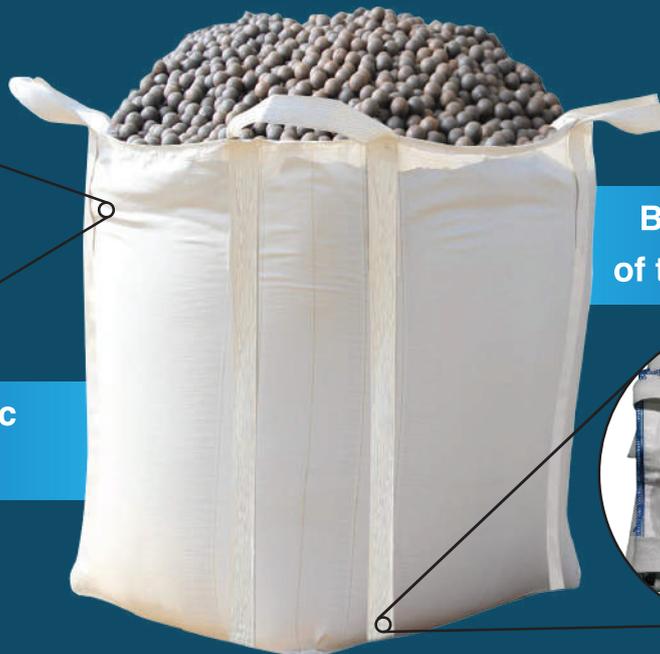


Pre-fabricated Concrete

Metal Balls



Double walled fabric for cut resistance

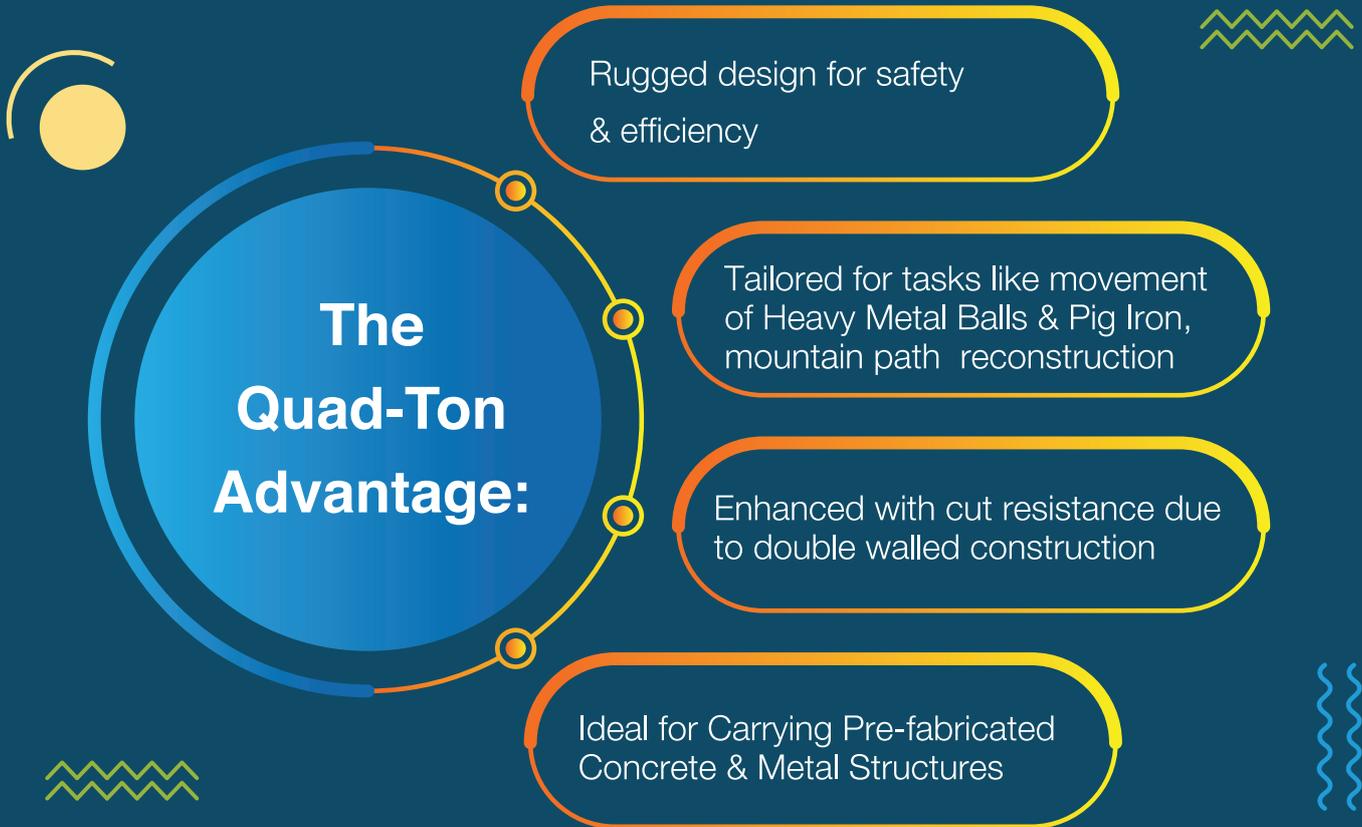


Bottom cross-section of the bag with full loops



Full Loops & Double walled fabric provides additional load bearing capacity and strength

Quad-Ton FIBC



Strength & Efficiency in Quad-Ton:

While filling products like heavy metal balls in a bag with single layer fabric leads to fabric tearing due to abrasion. However because of our emphasis on a double-layer design ensures that Quad-Ton FIBC's strength is second to none, perfectly balancing resilience with flexibility.

With Quad-Ton, industries gain a packaging solution that minimizes risks and optimizes operations.

Quad-Ton FIBC isn't just a product; it's a revolution in industrial packaging. Position your operations at the forefront of efficiency and innovation by choosing Quad-Ton.