

Technical Data sheet

Ton bag

◆ Product Description

Bulk bags are medium-sized bulk containers made from high-strength flexible materials. through their high-strength materials and diverse structures (such as discharge openings and sling designs), they enable efficient handling, recycling, and cost control for bulk materials, serving as a core packaging and transportation tool in modern supply chains.

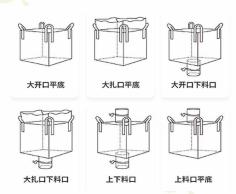
- High-strength materials
- Flexible load capacity
- Diverse structures
- Convenient and efficient
- Environmentally friendly and cost-effective

◆ Product Structure

Bulk bags are primarily made from polypropylene (PP) as the raw material, with a
small amount of stabilizing additives incorporated. Polypropylene is a white waxy
solid that is non-toxic and odorless, featuring excellent mechanical properties,
electrical insulation, toughness, and high tensile strength. These characteristics
endow bulk bags with durability and corrosion resistance.

◆ Typical Applications

Bulk bags are widely used in industries such as chemicals, building materials, mining, energy, and solid waste; in agricultural and food sectors including raw grains, processed products, and food additives; in logistics and warehousing for unitized transportation, container adaptation, and stacking storage; as well as in special scenarios involving hazardous materials, pharmaceuticals and electronics, and emergency relief.



◆ Typical Product Data and Physical Properties

Main Material: Polypropylene (PP) granules

Sling Material: Nylon (PA)

Color: White

Nominal Capacity: 500 ~ 2300 L
Rated Load Capacity: 0.5 ~ 3 T
Tensile Strength: ≥2500N/5cm
Tear Resistance: ≥800N
Gram weight: 150 - 160 g/m²
Feed port weight:70 - 80 g/m²

Availability:

Item#	Size	Closed top	Material opening
1.2.11.11.0003	50cmx50cmx50cm	Four-sling large top opening	Flat bottom
1.2.11.11.0004	80cmx80cmx80cm	Four-sling large top opening	Flat bottom
1.2.11.11.0005	90cmx90cmx110cm	Four-sling large top opening	Flat bottom
1.2.11.11.0006	50cmx50cmx50cm	Four-sling closed top	Flat bottom
1.2.11.11.0007	80cmx80cmx80cm	Four-sling closed top	Flat bottom
1.2.11.11.0008	90cmx90cmx110cm	Four-sling closed top	Flat bottom
1.2.11.11.0009	50cmx50cmx50cm	Four-sling top loading opening	Flat bottom
1.2.11.11.0010	80cmx80cmx80cm	Four-sling top loading opening	Flat bottom
1.2.11.11.0011	90cmx90cmx110cm	Four-sling top loading opening	Flat bottom
1.2.11.11.0012	50cmx50cmx50cm	Four-sling large top opening	Tapered bottom opening
1.2.11.11.0013	80cmx80cmx80cm	Four-sling large top opening	Tapered bottom opening
1.2.11.11.0014	90cmx90cmx110cm	Four-sling large top opening	Tapered bottom opening
1.2.11.11.0015	50cmx50cmx50cm	Four-sling opening	Top & bottom openings
1.2.11.11.0016	80cmx80cmx80cm	Four-sling opening	Top & bottom openings
1.2.11.11.0017	90cmx90cmx110cm	Four-sling opening	Top & bottom openings
1.2.11.11.0018	50cmx50cmx50cm	Four-sling closed top	Bottom discharge opening
1.2.11.11.0019	80cmx80cmx80cm	Four-sling closed top	Bottom discharge opening
1.2.11.11.0020	90cmx90cmx110cm	Four-sling closed top	Bottom discharge opening
1.2.11.11.0021	50cmx50cmx50cm	Two-sling bottom support	Large loading opening
1.2.11.11.0022	80cmx80cmx80cm	Two-sling bottom support	Large loading opening
1.2.11.11.0023	90cmx90cmx110cm	Two-sling bottom support	Large loading opening

◆ Technical and Application Assistance

HORB provides a technical hotline to answer your technical and application related questions.

◆ Note:

This information is believed to be accurate. It is intended for professional end users having the skills to evaluate and use the data properly. HORB data for reference only

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