



UN-Certified



1000L Antistatic IBC

Quality, safety, durability and sustainability included.

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JIEYUAN
Packaging Solutions



1000L Antistatic IBC

Our 1000L antistatic EX-certified IBC tank adopts antistatic HDPE for inner container, equipped with an earthed valve for electrostatic discharge. It rapidly dissipates static electricity generated during filling and discharging, eliminating fire risks and is specially designed for storing flammable and combustible liquids. Suitable for Zone 1 & Zone 2 hazardous areas.



1 Technical Data

Item	Value
Brimful Capacity	1060 L
Nominal Capacity	1000 L
Length	1200 mm
Width	1000 mm
Height with pallet	1145 mm
Filling opening	150/225 mm
Discharge opening	50/80 mm
Fork opening	100 mm
Label plate	2 pieces
Corner Protector	4 pieces
Weight of Inner container	14.5 ± 0.5 kg
Total Weight (approx)	55 ± 1 kg

2 Basic Product Overview

Parameter	Content
Standard Matching	DN150 filling assembly with EPDM gasket DN50 welded ball valve
Standard Accessories	2 steel label plates, 4 PE-HD corner protectors
Pallet Spec	1000×1200 mm four-way entry galvanized steel frame pallet
Overall Structure	Galvanized steel tubular grid frame, 4-way entry steel frame pallet

3 Detailed Breakdown

3.1 Outer Frame & Pallet: Galvanized steel grid frame with front & rear label plates, 4 PE-HD (PCR) corner protectors.

3.2 Inner Container: Blow molded natural PE-HD tank with anti-static particles.

3.3 DN150 Filling Assembly: DN150/225 red (different colors available) PE-HD threaded cap with vented G2 plug and EPDM sealing gaskets.

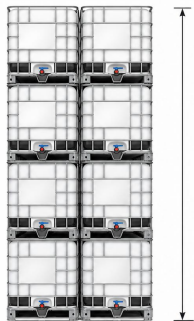
3.4 DN50 Weld Ball Valve: DN50/80 ball/butterfly valve, outlet sealed by PE-lined aluminum film.

3.5 Compliance: Electrostatically safe in accordance with IEC/TS 60079-32-1:2013. Suitable for Zone 1 & Zone 2 hazardous areas (while complying with statutory and company-specific safety precautions and regulations).

4 Component Structure & Material Specifications

4.1 Dynamic Transport Stacking:

For transportation and storage, a maximum of two stacking layers is permitted when the product density is less than 1.5. For products with a density greater than 1.5, only single-layer stacking is permitted.



4.2 Static Warehouse Storage Stacking:

Fully filled composite IBCs allow a maximum stacking height of 4 layers under stationary indoor storage conditions.

* Please place on a flat and solid surface and ensure even load distribution.

IBC Lids

Compatible with all IBC tank sizes. Equipped with DN150/DN225 external threads and G2 vent plug for wide compatibility. Conductive anti-static EPDM, TPE or FKM gaskets are optional for static control environments. Blind caps and custom colors available on request.



IBC Discharge Valves

The earthed outlet valve discharges the electrostatic charge of the filling product. Anti-static integrated ball valves and butterfly valves are selectable. Welded valves are strongly recommended for overseas transport to improve durability. Custom color options are supported.



IBC Pallets

Full-metal pallet solutions available, including skid pallet. Both types feature high load capacity and continuous static conductive structure to eliminate static sparks in explosion-prone environments.



