



Plastic Valve Bags

Transition from Paper to Plastic Without Investment in New Filling Machinery

When it comes to packaging, reliability matters. Plastic Valve bags deliver consistent performance, lower costs, and superior protection, making them the smarter alternative to paper bags.

Plastics are stronger and more durable than paper. They resist tearing, stretching, and punctures, even when carrying heavy or irregularly shaped items.

Paper bags weaken and collapse when exposed to moisture, while plastic bags remain robust and water-resistant. INDEVCO Packaging Solutions have the best solution for keeping products safe and protected during transport and storage.



Designed specifically for moisture-sensitive materials, our plastic bags deliver:



PROVEN MOISTURE PROTECTION

A strong barrier against water, humidity, and condensation, keeping products dry and stable.



INDOOR & OUTDOOR STORAGE FLEXIBILITY

Products can be stored, transported, and displayed outdoors with confidence.



SEAMLESS INTEGRATION

Fully compatible with existing high-speed FFS filling equipment—no new machines, no retraining.



OPERATIONAL EFFICIENCY

Maintains current fill speeds while reducing product loss and handling issues.

Markets



Chemicals & Petrochemicals



Building & Construction
(grout, mortar, cementitious materials, polymeric sand...)



Food Packaging
(flour, sugar, salt, starch,...)



Specialty Chemicals
(powder coatings, TiO2, ...)



Fertilizer



Resins



Animal Feed

Valve Bag Design Schematic

De-aeration with Breathing Chamber Technology

Outer Vents
Air Release

U-Shape Folding
For Chamber Inflation

Nonwoven
Filter Medium

Valve Sack Advantages

- ✓ Use of identical high-speed filling equipment.
- ✓ Excellent product containment
- ✓ Strong and durable
- ✓ No additional sealing required
- ✓ Clean appearance
- ✓ Moisture and barrier protection (PE-specific)

Technical Specifications

Material Thickness	120 - 200 mic
Sack Width	250 - 600 mm
Sack Length	450 - 910 mm
Bottom width	80 - 180 mm
Bottom center distance	350 - 750 mm
Tube cut-off length	530 - 1090 mm



Design Consideration:

Due to the valve bag design and the need for air release during filling, there is a potential for minimal pellet leakage. This is a recognized limitation across valve bag packaging formats. Preventive options may be evaluated based on product characteristics and handling conditions.

Protection Without Compromise, Rain or Shine!



PE Sacks are Engineered for Full Moisture and Weather Exposure

Pasting				Sealing
Paper Only	Paper + Int. PE Film	Moisture Proof	Rain-Proof (Temporary)	100% Water Resistant

Ask about our Carbon Footprint Reduction Program to help you improve your company's packaging footprint