

Powder Bag

Perfect Palletization. Proven Powder Protection.



Protection Against Moisture, Oxidation, Infestation and Dehydration.

With a near zero moisture vapor transmission rate (MVTR) and oxygen transmission rate (OTR), the Fres-co Powder Bag protects your products and profits to a degree that was, until now, unattainable. Expensive-to-manufacture powders are now more affordable to package, store and transport. Compatible with industry-standard open-mouth filling equipment, simply fill the Powder Bag and apply a terminal heat seal. Our patented Powder Bag technology handles the rest for you, by releasing air from the one-way degassing valve to create safe, stable pallets of airtight packages for both domestic transport and export.

Powder Bag Benefits Include:

- Reduced Customer Complaints
- Enhanced Shelf Life
- Reduced Carbon Footprint (*versus Fiber Drums and Bag-in-Box Applications*)
- Safe and Efficient Transport
- Space Savings
- Fast Filling and Sealing





One-way degassing valve allows air to flow out of the bag, but not back in, eliminating ‘pillowing’ and ‘mushrooming’ to provide brick-like handling and stable palletization

Built-in vent chamber creates an elaborate path that prevents contaminants from plugging the valve’s mechanisms and compromising its sealing efficacy



Durable, high-barrier film construction prevents moisture ingress, oxidation, infestation and dehydration, ensuring your powders remain free-flowing when they reach your customers

Vibrant reverse-printed rotogravure or flexographic capabilities of up to 10 colors calls attention to your product, while protecting the design from fading or scratching by enclosing the ink between material layers

A switch to the Fres-co Powder Bag will give you the confidence that the quality and integrity of your products will be maintained versus competitive options such as:

- Kraft Paper Bag
- Kraft Paper Poly-Lined Bag
- Fiber Drum
- Plastic Drum
- Poly Bag-in-Box
- Polywoven Bag

Ideal for Packaging:

- Food Ingredients
- Feed Ingredients
- Specialty Chemicals and Minerals
- Agricultural Chemicals
- Cosmetic Ingredients
- Pharmaceutical Ingredients

Ensure hermetic seals with Fres-co’s Heavy Duty Industrial Bag Sealers (Powder Bag also compatible with other heat sealing equipment options)



FSU50
Manual Sealer



FSU101
Semi-Automatic Sealer

