

Hermetic Bags & Liners

Hermetic, gas-tight bags and liners that protect grains, pulses and seeds without chemicals—blocking oxygen and moisture to preserve quality. Available from STIPL Agritech (GreenPro).



Gas-tight storage to protect grain quality without chemicals

Multi-layer, UV-stabilized hermetic packaging that blocks oxygen and moisture—reducing insect activity and preserving grain, pulses and seeds.

Hermetic Bags & Liners create an oxygen-limiting environment that suppresses insects and molds, helping to keep grains, pulses and seeds safe for longer periods without fumigants. Built using multilayer barrier structures, they resist puncture and moisture ingress during handling and storage.

- **Construction:** Multi-layer PE with barrier layer; UV-stabilized outer
- **Function:** Low O₂ / high CO₂ atmosphere inhibits insects and mold growth
- **Formats:** Standalone bags or liners for drums, totes and bulk sacks
- **Sizes:** Commonly 25–100 kg bags; custom liners for larger containers

Applications

- On-farm and warehouse storage of cereals, pulses, oilseeds and spices
- Seed preservation and germination quality maintenance
- Export packaging where moisture and pest control are critical

Advantages

- Reduced reliance on chemical fumigation
- Minimizes dry-matter loss and aflatoxin risk
- High puncture and seal strength for handling
- Reusable in certain use-cases; easy to deploy

Usage Tips: Fill dry, cleaned produce; remove excess air before final sealing; store on pallets in shaded, ventilated areas; inspect seals periodically.

Insect-Free Storage

Gas-tight bags stop pests without fumigation.

Quality Preservation

Reduces aflatoxin risk for grains and seeds.

Reusable Solution

Durable liners for cost-effective crop storage.