

GrainPro[®] Self-Verifying Cocoon[™]

A patented Ultra Hermetic[™] storage solution for large volume storage of up to 320 metric tonnes

A gastight and watertight container made of flexible polyvinyl chloride (PVC) material that effectively preserves and stores dry agricultural commodities and extends product shelf life for long-term quality and quantity preservation.

Long-term quantity and quality preservation

Extends product shelf life for more than a year* by maintaining internal atmospheric condition at low oxygen and high carbon dioxide levels to control infestation and inhibit fungal growth.

Collapsible indoor and outdoor high-capacity storage

Easy to transport, use and install. Equipped with self-verifying oxygen indicator plugs for monitoring of oxygen and relative humidity levels with various sizes from 5 - 300 metric tonnes storage capacity**.

* Results based on testing with rice and corn at high infestation rate ** Results based on rice, corn and wheat

• Cost-efficient outdoor storage

No maintenance and operation costs needed! With a useful life span of over 10 years, this storage solution requires no extra infrastructure for storage.

Green technology

No need for expensive and toxic chemicals to safely achieve quality preservation, pest-control of insects of all life-stages and the suppression of mold growth.

• Flood resistant

Stored commodities are flood-protected as long as water doesn't reach the zipper line.



Also Available:

Gas-Hermetic Fumigation Cocoon™

Equipped with an inlet port for "fumigation" using carbon dioxide to create a low oxygen modified atmosphere, which normally results in 100% insect mortality of all life stages in just a few days to two weeks, as well as inhibiting mold development, protecting quality and preventing losses in the commodity.

COMPONENTS



GRAINSHADE



RODENT GUARD











ROPE





PRODUCT SPECIFICATIONS

MATERIAL SPECIFICATIONS	DETAILS		
Material	Flexible Polyvinyl Chloride (PVC)		
Color	White		
Thickness, mm	0.83		
Material weight, g/m ²	1050		
Oxygen Transmission Rate (OTR), cc/m ² /day at 0.1 MPa	<500		
Water Vapor Transmission Rate (WVTR), g/m²/day	8		

SIZES						
SVC	CAPACITY (MT)***	WIDTH (m)	LENGTH (m)	HEIGHT (m)	VOLUME (m ³)	PACKED WEIGHT (kgs)
GPSVC-005	5	1.70	2.95	1.50	7.50	40
GPSVC-010	10	2.95	3.40	1.50	15.00	60
GPSVC-020	20	3.40	4.40	2.00	29.90	86
GPSVC-2-050	50	4.40	8.90	2.00	78.32	170
GPSVC-3-050	50	4.35	6.00	3.00	78.30	148
GPSVC-100	100	5.80	8.60	3.00	150.00	240
GPSVC-3-150	150	8.50	8.90	3.00	227.00	350
GPSVC-300	300	7.50	9.20	6.00	414.00	400

***Quantity based on wheat

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Worldwide distributors and specifications for the entire product lines are available at www.grainpro.com

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