

# Flexible packaging solutions for fertilizers.



Reliable.  
Responsible.

Selene

**Selene:**  
**Reliable and**  
**responsible**  
**for more than**  
**sixty years.**



**Selene has been manufacturing Low Density Polyethylene (LDPE) flexible packaging for industrial use since 1959**, combining product quality with a sustainable production approach, paying particular attention to environmental and social responsibility. Our products are in fact 100% recyclable.

Latest generation technologies, accurate control of the process and the sum of the experiences gained, **allow the company to guarantee a substantial difference in terms of overall performance.**

**QUALITY:**

durability and functionality of the product

**SUSTAINABILITY:**

circular economy and resource saving

**COST SAVINGS:**

unit cost packaging optimization



**A complete  
range of  
high quality  
products.**

**Selene produces flexible  
packaging for industrial use:**

- **FFS Tube**
- **Valve Bags**
- **Open Mouth Bags**
- **Hooder Film**



# FFS Tube.

Increase your performance with Selene flexible industrial packaging.

**FFS Tube (FORM FILL and SEAL), made with 100% recyclable LDPE, represents the best solution in terms of costs and performance for fertilizers bagging.**

Selene FFS Tube is 100% customizable in terms of size, thickness and printing. As a result of the continuous collaboration with producers of raw materials and manufacturers of FFS bagging lines, Selene has managed to expand the range of products in terms of quality and performance.

FFS tubes designed for fertilizers allow high bagging rate (up to 2200 bags per hour with 50lb bags), extended shelf life up to 24 months, high product protection and easily handling.



**Thicknesses from 80my to 220my**

**Flat pillow tube and tube with gussets**

**Max diameter up to 1400mm**

**Custom print up to 8 colors per side (for tube formed products)**

**Minimum dimensions 200mm + 30mm + 30mm (for tube formed products)**

**Embossing or anti-slip varnish; or anti-slip additive in the recipe**

**Ink protection option with protective overprint varnish**

**Available with reduced thicknesses for consequent reduction of the overall weight of the packaging**



# NextBag™

Lower emissions.  
Higher quality.

**For Selene, sustainability is an integral part of being an enterprise and NextBag™ is the new flexible packaging generation for fertilizers manufactured using up to 80% of Premium Recycled Polymer (PRP). A circular production approach which aims to significantly reduce CO<sub>2</sub> emissions.**

## Form, Fill and Seal (FFS) NextBag™

SUSTAINABLE PACKAGING

### 1 Recovery

Recovery of the used pressed bags at customers' facilities and collection centers.

### 2 Recycle

Recycling and regeneration of the raw material.

### 3 Reuse

Reuse of the polymer to produce high quality sustainable bags.

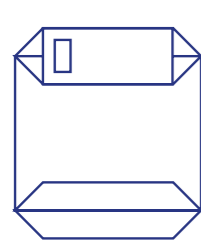


# Valve and open mouth bags.

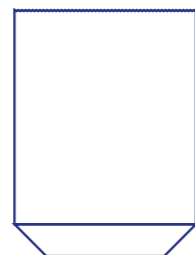
Long lasting efficiency.

Efficient, durable, versatile, Selene's valve and open mouth bags are one of the most durable solutions for bagging fertilizer products.

The Selene pre-made bags are suitable for manual, semi-automatic and automatic use. Proving their great versatility and being 100% customizable, valve and open mouth bags are also available for the NextBag™ option.



VALVE BAGS



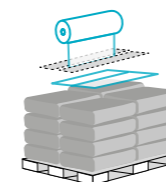
OPEN MOUTH BAGS



- Internal or external valve
- Specific product dimensions tailor made
- High mechanical properties
- Custom printing
- Double bottom for powdery products

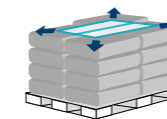
# Power Stretch Hood & NextHood.™

Double protection for goods & environment.



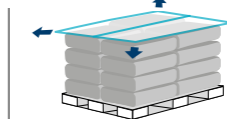
1

The tube is unrolled, cut and welded in a precise size based on load dimensions



2

The hood is collected on the automatic arms



3

Arms extend to determine the holding force that will be applied to the load



4

The arms descent determines the hood stage with both TD and MD holding force



5

At the end of this stage, we have total packaging adhesion to the load which is ready for further handling

Hooter film represents a concrete ability to manage goods during storage, handling and transportation.

This is accomplished by using high-performance and sustainable elastic hooter film. Selene's high quality polyethylene hooter film has **excellent properties suitable for fertilizers.**

## Excellent UV protection inside-out.

Our hood film contains special additives in order to protect your inner packages and hooder film from sun light over many years.

Because of special UV blocker and UV stabilizer in the film, your pallets can stay outside without losing color of the inner package and without deterioration of the hooder.

It is also water and dust resistant.

## Better holding force.

Our hood film stretches up to 150%. High stretching ratio gives great stability to the pallet. It keeps pallets stable, square, with high resistance to punching during storage and transportation.

## Better protection than stretch wrap.

You can save time, material and power using hooder film. Hooder film covers your pallet from top to bottom with one layer of film. Stretch wrap requires several layers of film in order to provide similar protection.

## Pallets can be stored outdoor.

Power Stretch Hood is waterproof on pallet.

## Less labor.

One roll of hooder film covers approximately 700 pallets.

## Downgauging film.

You can achieve high performance pallet cover quality using Selene thinner film which gives you cost saving and less environmental impacts. In addition, better visibility of your brand under the transparent thinner Stretch Hood.

Barcodes can be read under the film easily.

## Palletizing speed.

Up to 200 pallets per hour.



# NextHood.™

## Performances go green.

NextHood™ adds to the hooder film performances the use of sustainable raw materials. It can count on up to 30% PRP.

**NextHood™ usage can drastically reduce CO<sub>2</sub> emissions.**



**Lay Flat size with gussets from 600mm to 1800mm**

**Thicknesses from 40my to 180my**

**Maximum integrity of the packaging and stability of the palletized load**

**Complete protection from dust and humidity**

**High UV protection (both for the film and barrier, up to 24 months)**

**Excellent print quality (up to 8 colors)**

**Ease of use**

**Coloured stretch hood – one color or two different colors (outside one and inside another)**



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