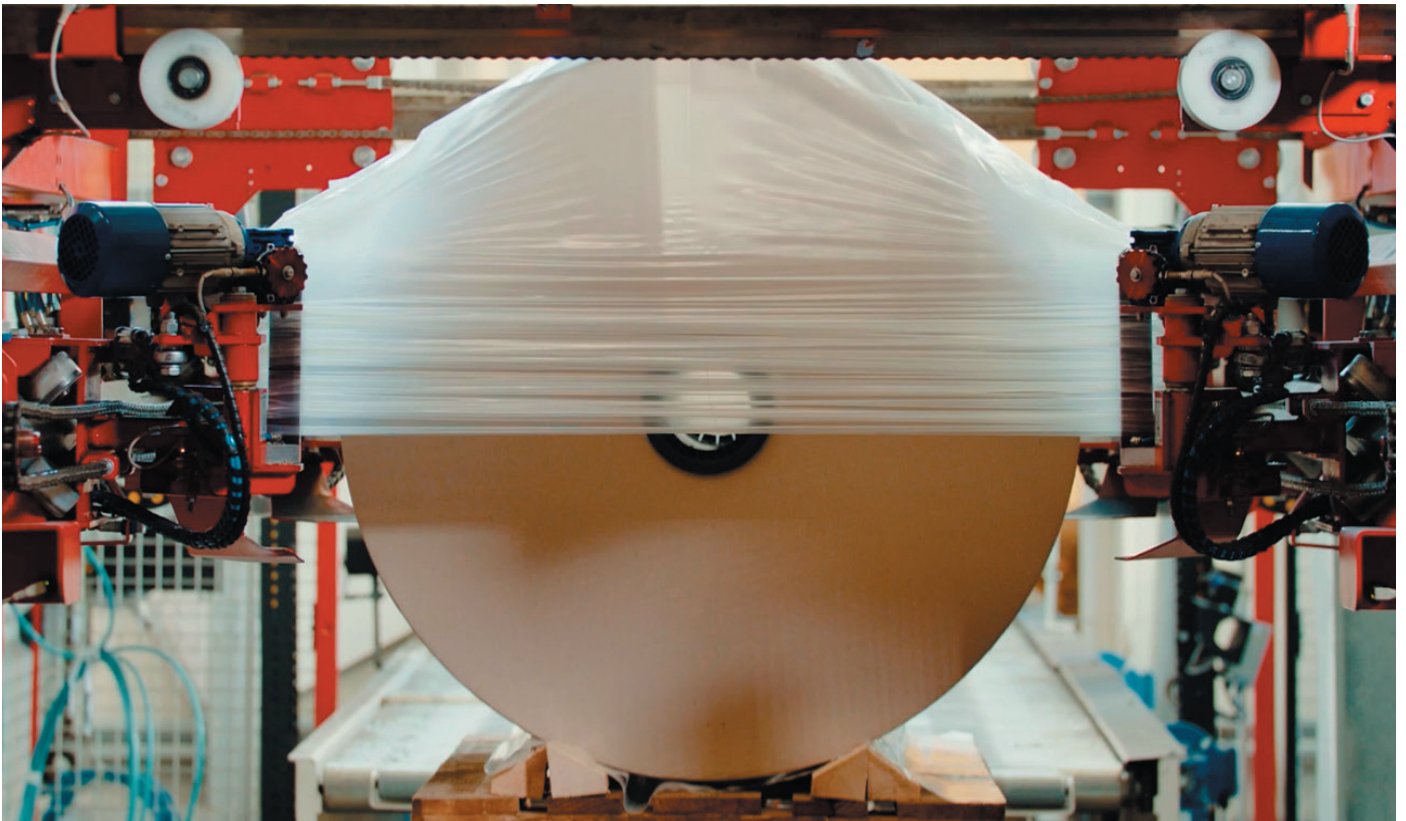


Power Stretch Hood & NextHood.™

High-performance and sustainable hooder film.

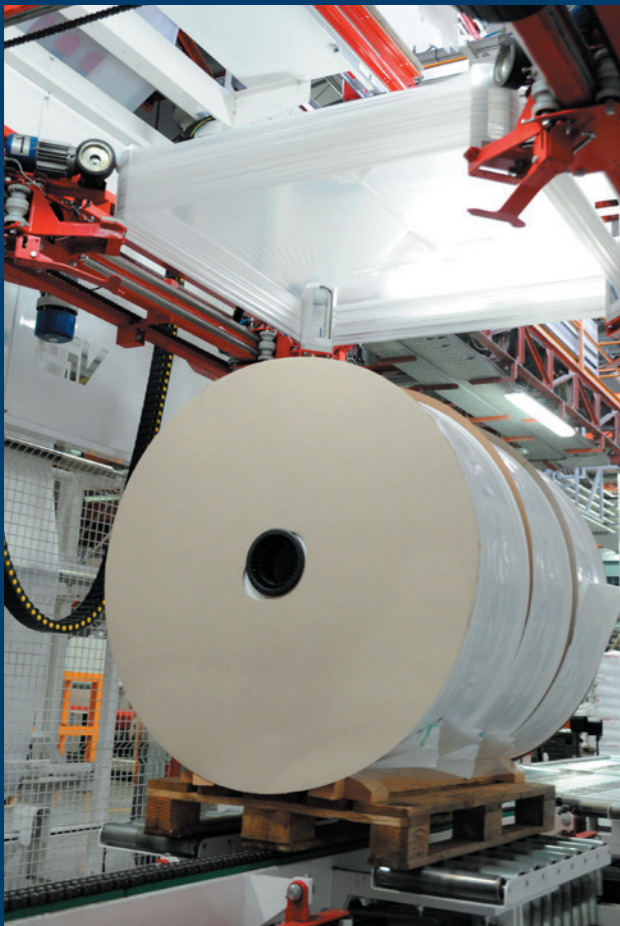


Reliable.
Responsible.

Selene

Power Stretch Hood & NextHood™

Functional. Sustainable. Customizable.



DOUBLE PROTECTION FOR GOODS & ENVIRONMENT.

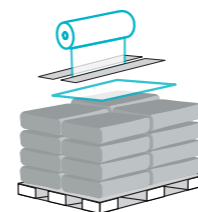
Selene launches **the new elastic tubular** hooder film which extends the concept of protection from products to the environment. This is the result of a **perfect mix between virgin recycled raw materials** and innovative extrusion techniques.

Power Stretch Hood and NextHood™ represents a concrete ability to manage goods during storage, handling and transportation.

This is accomplished by using high-performance and sustainable elastic tubular film.

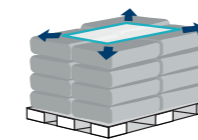


HOW DOES IT WORK



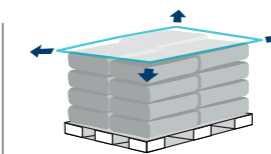
1

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



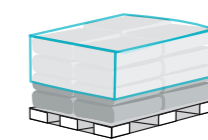
2

The hood is unrolled and put in place by 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 to next handling

Power Stretch Hood. Superior protection.

The elastic tubular Power Stretch Hood is a new packaging **used in different industrial sectors because of the multiple advantages it offers** in terms of safety and load stability.

The tubular elastic “hood” **fully wraps the pallet, ensuring protection and stability** during transport and handling.

Packaging process takes advantage of the tubular film’s elasticity. **The film is unrolled, cut to desired size and placed over the pallet.** In this way it can be perfectly adapted to the goods, forming a stable and resistant hood, which protects the goods with 5 layers against bad weather.

Tubular films can be clear or colored and printed up to six colors they offer the opportunity of exploit the material with a big impact in term of visibility.



Triple extension, guaranteed convenience.

Selene Power Stretch Hood can reach up to 150% extension with a triple holding force compared to common hooder films. It can cover different pallet sizes with only one format, **saving up to 40% of material.**

NextHood™ Performances go green.



NextHood™ adds to the Power Stretch Hood’s performance the use of sustainable raw materials. This material comes from the new sustainable productive cycle in line with recycled plastics use of controlled quality. **To produce this product, Selene has opened a dedicated new plant.**

The new advanced technology plant is able recover first and second grade raw materials. This facility is able to produce PRP - Premium Recycled Polymer. **The new PE granule has a minimum impact on the environment and qualities similar to 100% virgin polymers.**

NextHood™ allows the production of the elastic tubular film with a PRP - Premium Recycled Polymer - quantity that could be more than 30%. CO₂ emissions caused by fossil products extraction, could be drastically reduced; these products are essentials to virgin plastic production.

Power Stretch Hood & NextHood™ Unique features.

FEATURES

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
 Colored stretch hood – in one or two different colors

ADVANTAGES

Safety during transport
 Material saving per **single** unit packed
 Reduction of management **cost**
No risk of fire and explosion
 Reduced risk of theft and manipulation
 Suitable for packaging thermo-sensitive products
 Excellent visibility of the goods
 Use of sustainable raw materials.
(Only NextHood™)

APPLICATIONS

Petrochemical products
 Chemicals
 Fertilizer, topsoil, mulch
 Building and cement products
 Bricks and tiles
 Domestic appliances



PRODUCT SHEET

DRAFT MATERIAL SPECIFICATION

Edition 1
11/05/2020

**R&D AND QC
LABORATORY
SELENE SPA**



Specification

NEXTHOOD™

PRODUCT DESCRIPTION PSH
with 30% PRP

FEATURES	UNIT OF MEAS.	RANGE TARGET	TEST METHOD
THICKNESS	µm	100 (± 5%)	IO - 015
DIMENSIONS (WIDTH-GUSSETS)	mm	1050+300+300 (± 5%)	
SPECIFIC GRAVITY	gr/cm³	0,938 (± 5%)	
CORONA TREATMENT	Dynes/cm	>38	ASTM D 2578
C.O.F. (FILM NT-FILM NT)		0,35 (± 0,03)	ASTM D1894
TENSILE STRENGTH AT BREAK MD/TD	N/mm²	35 (± 2) /32 (± 2)	ASTM D882
ELONGATION AT BREAK MD/TD	%	850 (± 30)/950 (± 50)	ASTM D882
ELASTIC RECOVERY TD	%	70 (± 3%)	ASTM D5459
HOLDING FORCE TD	N/mm²	3,8 (± 5%)	INTERNAL METHOD
RELAX @ MAXIMUM STRETCH	%	75 (± 3%)	INTERNAL METHOD
TEAR RESISTANCE MD/TD	g/µm	0,18 (± 0,02)/0,22 (± 0,02)	ASTM D1922

TO BE USED WITHIN 6 MONTHS FROM DELIVERY DATE

BEST STORAGE AND TRANSPORTATION CONDITIONS:
 Temperature 15-30°C, Relative Humidity 40-60%



www.selene-spa.com

Selene

**Reliable.
Responsible.**

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