

STRETCH HOOD WRAPPING

How do you choose the right wrapping technology to secure & protect your product?

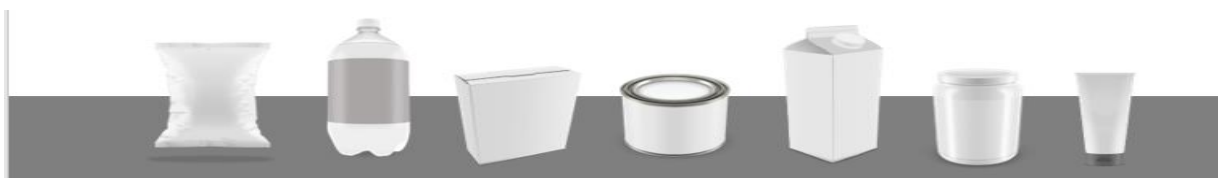
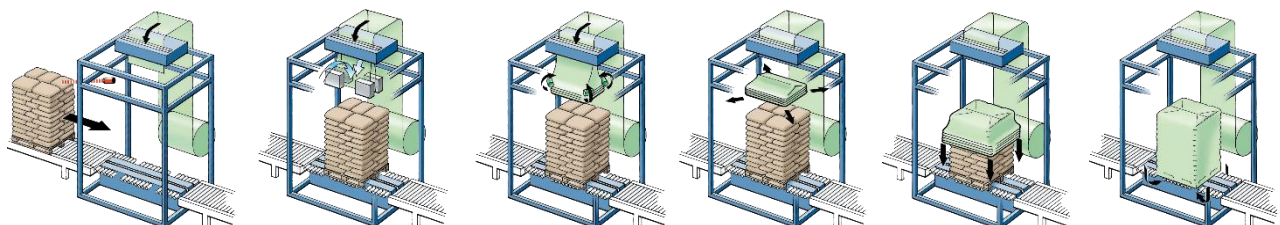
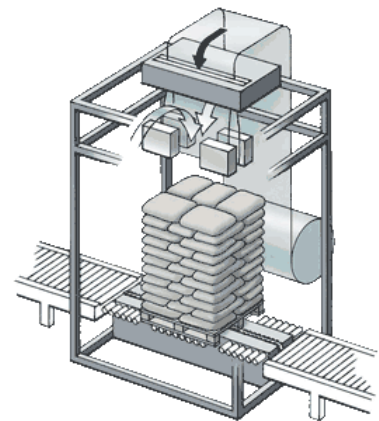
There are several wrapping technologies to choose from, including shrink wrapping, conventional stretch wrapping and stretch hood wrapping, so to choose the best method for wrapping your product, you should consider many factors beyond just the cost of the packaging material and the cost of the equipment.

Taking a structured approach to finding the right packaging solution will save you time and money. As with any significant investment, we suggest starting with an assessment of application requirements and defining your key objectives. Take the time to identify your biggest challenges and hurdles and then choose the right wrapping solution for your needs.



What is Stretch Hood wrapping?





Stretch hood provides a 5-sided, waterproof load with optimum clarity from one layer of transparent film, which allows your product brand to be seen throughout transport. The stretch hood is made from a continuous roll of gusseted film that is stretched and applied over the pallet load for maximum integrity.



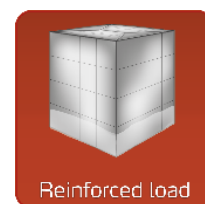
STRETCH HOOD WRAPPING

Lachenmeier range of Stretch Hood equipment?

A Lachenmeier® stretch hooder is characterized by the simple and maintenance-friendly film feed device, the unique vacuum/mechanical film opening system, the powerful stretch units and the encoder-monitored film application providing a smooth and visually optimal application of film. The Lachenmeier machines can handle various qualities and thicknesses of film from 20-200 micron. Stretch hood allows for barcode reading through the film, and the wrapping is especially suitable for high shelf storage systems, such as Signode's Storfast® cart-based automated storage and retrieval system (AS/RS).

			
Power Flex T1	Power Flex TL	Multi Flex1	Multi FlexXL
For mainly one pallet size. Reaching up to 100 pallets/hours. Very small footprint.	For several pallet sizes with minor variations in length and width. Capacity 200+ loads per hour.	The fully automatic high-speed machine for multiple load and film sizes, reaching 200+ loads per hour.	The stretch hooder for large loads up to 3200 mm length and 3000 mm height.

Lachenmeier stretch hooding offers more than just a closed film hood being applied to a uniform load. The machines can apply film sleeves as well as short hoods, and they can wrap the load with perforated film to avoid condensation as well as apply film reinforcement on the load where needed. In addition, stretch hood is suitable for products with different shapes and sizes and especially one-layer loads where traditional stretch wrap is not as effective.



STRETCH HOOD WRAPPING

Applications of Stretch Hood wrapping

The Lachenmeier range of stretch hood equipment is available for many products in multiple industry segments, including food and beverage, eCommerce building and construction, chemicals, retail business and others.



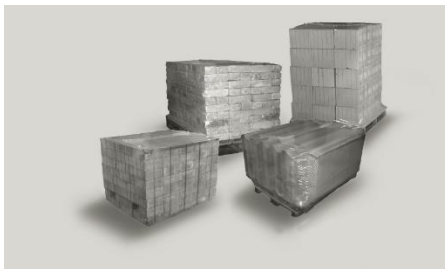
One Layer Load



Food in Glass Bottles



Juices in Tetra Pack



Construction Products



FMCG



Buckets



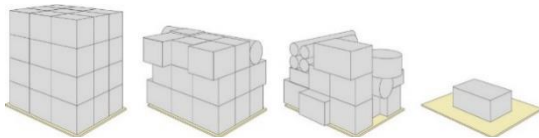
Drums



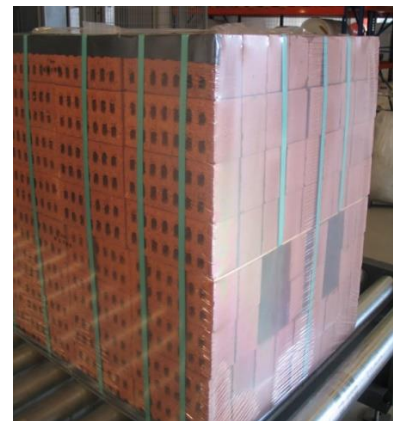
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How do you know how to wrap your products?

No matter if you need to wrap a uniform, cubed load with no protrusion, a slightly more irregular pallet load with a few protrusions and varying product shapes, or with an extreme irregular load with many corners or sharp edges, you need to have flexible wrapping that can adapt to the shape of the load.



Lachenmeier stretch hood is an optimal solution for wide variety types of pallet loads, including tall, unstable, lightweight, heavy or column-stacked pallets and pallets with void spaces where the surface of the pallet is not covered with product.



Brick load with empty spaces

The density and fragility of a product help us determine how much containment force our stretch hood film can exert on a product without damaging it. Combined with Signode's knowledge of how much compression force is needed to keep a certain load stable; we can choose the film size, thickness and quality needed to obtain the required load stability at the lowest possible cost.

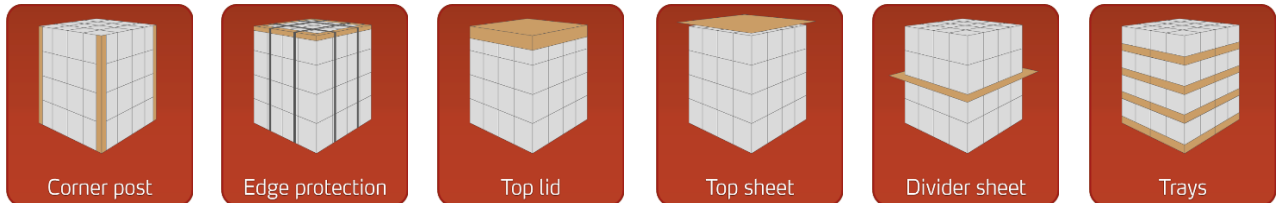


Controlled application of stretch hood film on bags with flour stacked in cardboard trays.



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In cases where a product needs extra stability because of heavy weight, a challenging stacking pattern, or because of fragile and sensitive products, we have the possibility to work with various types of secondary packing in combination with stretch hood film. We can recommend and test new stacking patterns when adding divider sheets or by replacing sheets by trays, we can work with solutions involving corner or edge protection, and we can apply various types of top lids or sheets, all products within the Signode portfolio.



And if stretch hood turns out not to be the right wrapping technology for the product in question, we have in the Signode portfolio the well-known Octopus® stretch wrappers either on its own or in combination with Signode strappers.

How can Signode help you optimize your packaging investment?

Signode will work with you to develop the optimal packaging solution to protect your product and deliver optimal outcomes for your brand during transport. Whether you are looking for increased load stability, reduced packaging material or minimal waste, we can take a close look at your existing solutions and make appropriate suggestions and recommendations to optimize your packaging investment. Our full range of Lachenmeier stretch hood equipment combined with Signode's full range of packaging and automation technologies allow us to find the right solution for your needs.

Signode also proudly offers a unique testing program for our customers to witness and experience first-hand the performance of our wide range of wrapping products. In our Innovation Centers you will find Lachenmeier Stretch Hooding, Octopus Stretch Wrapping, Mima® Films, Signode strapping and various protective products. We also offer testing for unit load stability analysis and optimization and stability testing.



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