

Visko  
Teepak

Always around

**NOVA**

PLASTIC CASINGS / PRODUCT GUIDE

# ViskoTeepak in brief.

ViskoTeepak is one of the biggest manufacturers of fibrous, cellulose and plastic casings in the world. We have production plants, converting facilities and technical support offices worldwide. We're also proud to have the industry's largest business-partner network, through which our products are offered in nearly 100 countries. Our head office (ViskoTeepak Holding Ab), which opened in May 2018, is located in Mariehamn, in Finland's Åland Islands.

In Europe, we have fibrous and cellulose production plants in Lommel (Belgium) and Hanko (Finland). Additionally, we have a plastic-casing production plant in Nuevo Laredo (Mexico). Our converting facilities are located in Delfzijl (Netherlands), Brno (Czech Republic), Kenosha (Wisconsin, USA) and Poznań (Poland). Our sales and representative offices are located all around the globe.

ViskoTeepak is owned by the Eriksson Capital Group, based in Mariehamn, Finland. Eriksson Capital is a privately owned investment company with a focus on small to medium-size high-tech industrial companies operating in the global marketplace. Eriksson Capital is active in various industries such as medical tubing, shipping, real estate, aircraft leasing and asset management.



## Learn more at:



[viskoteepak.com](http://viskoteepak.com)



[facebook.com/ViskoTeepak](https://facebook.com/ViskoTeepak)



[linkedin.com/company/ViskoTeepak](https://linkedin.com/company/ViskoTeepak)



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## Statement

ViskoTeepak verifies that all information given in this product guide is based on our best knowledge and information. ViskoTeepak does not guarantee the accuracy and/or completeness of the information. This guide is solely intended for general information and is not intended to be used as the primary basis for commercial decisions. When starting to use ViskoTeepak products, it is always recommended to complete a product qualification process. The risks associated with the use of ViskoTeepak products is limited to the conditions defined in the "General Sales Terms and Conditions". These can be consulted at [ViskoTeepak.com](https://www.viskoteepak.com).

The name ViskoTeepak, the product names Wienie-Pak and Nova and the ViskoTeepak logo are trademarks or registered trademarks of ViskoTeepak Belgium NV and may not be used without the permission of the company.



# The evolution of ViskoTeepak.



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**1950**

Gunnar Eriksson was enjoying a famous Scandinavian smorgasbord on a ferry boat in between Finland and the Åland Islands. While enjoying a tasteful sausage, he noticed the casing was made artificially which caught his interest. He got so curious he put a piece of the casing into his pocket and had it analyzed in a laboratory.



**1965**

The converting center in *Delfzijl, Netherlands* opened.



**1962**

Visko started to manufacture fibrous casings.



**1952**

Gunnar became convinced artificial casing was the future. He wanted to take part in this industry and raised some money to start the Visko Company in *Hanko, Finland*.

Visko started to manufacture cellophane casings with just 30 employees.







**1975**

The cellulose and fibrous manufacturing plant in Lommel, Belgium was established.



**1994**

The cellulose converting center in the *Czech Republic* opened.



**1995**

Production of Nova plastic casing started.



**2007**

The current owners of ViskoTeepak believed in the future of the industry and were willing to create a world-leading seller, producer, and supplier of artificial casings.

By merging Visko and Teepak into one, a new era began!



**2052 - The Future**

ViskoTeepak is 100 years old! We are now serving your casing needs around the globe in just minutes with our new drone delivery service!



**Today**

ViskoTeepak is **#MakingFoodMoreAccessible** by tailor-making productive solutions in close collaboration with the global food chain.



**2020**

The fibrous converting center in Poznan, Poland was acquired.



**2014**

The fibrous converting center in Kenosha, USA merged with ViskoTeepak.



**2011**

The sales and logistics center in Hamburg, Germany was acquired.



# Brand Cornerstones.

ViskoTeepak is a global brand with a local touch that delivers tailor-made productive casing solutions. We understand the needs of our customers and nurture long-lasting mutually beneficial and rewarding relationships. What are we referring to when we talk about our Brand Cornerstones?

## Brand Cornerstones



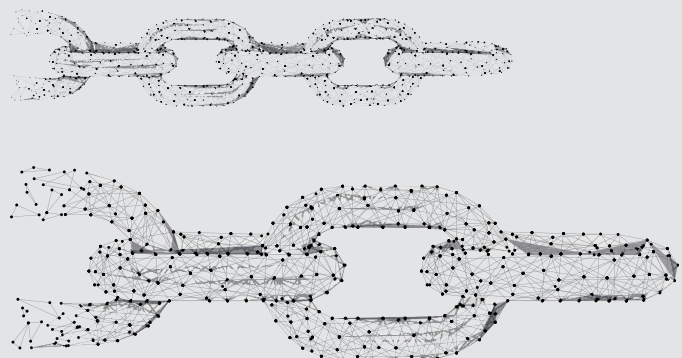
### Tailor-making

Our goal is to tailor-make the most productive casing solution for each customer. We're willing to go the extra mile to craft each product to perfectly fit our customers' needs. This makes our products unique and gives our customers the ability to produce with great efficiency and high quality.

### Productive Solutions

We offer the world's most productive casing solutions. We constantly improve and develop new solutions that bring value. We're creative, and we sustainably develop our products.

If there's a better way, we'll find it.



### Teamwork

Our success is achieved with inclusiveness and collaboration. We work closely with our customers so that we can identify their specific needs. We're in it for the long run, and together with our Partners, we'll always be around to support you.

# Company culture.

The company culture is the personality of the company. At ViskoTeepak we base our business and our culture on three company Values: Trust, Ambition and Fun. What do we mean when we talk about these values?

## Values

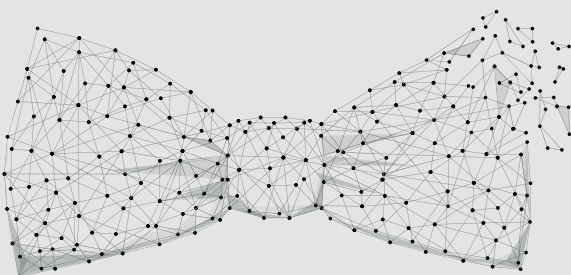


### Trust

Trust is built on credibility, being fair, and treating each other with respect. We earn trust by delivering on our promises, which is particularly true for how we manage our business and our people. Respecting your colleagues regardless of their age, sex or race is a base requirement for a fair working community.

### Ambition

We have a strong desire to be the best and want to be ambitious on our road to success. That is why we will walk the extra mile to help our customers and partners to succeed in their business. Our “can-do” mentality creates energy and by providing training and development opportunities, we make sure we reach our goals.



### Fun

Fun is created by being successful in achieving your goals and by working with a team of people that you trust and feel connected to. It creates the energy that we need for taking on the next challenge!

# What is Nova casing?

Nova is a wide group of engineered plastic casing products extruded from a variety of raw materials combined to develop unique performance properties. Ranging from one to multi-layers, each raw material is melted at an individual extruder to form a tubing. Once formed, the seamless tubular film of many Nova products may be stretched or oriented through a bubble process to create specific mechanical and physical properties. After initial cooling the casing is stabilized through a process called annealing to provide increased durability and structural integrity. The specific manufacturing process is designed to produce a Nova product with advanced performance features, creating one of the most reliable and broadest array of plastic casing solutions in the world today.

## Applications

Nova casings are broadly used primarily in the food industry, applications include a wide variety of meat, poultry, vegan, meat analogues, cheese, butter and pet food as well as soups and gravies.

## Adding Value With Optimized Structures

Nova casings are manufactured with one to many layers of unique food grade plastic film resins, designed to provide optimized performance characteristics for the product application. At the same time the Nova material is manufactured, specialized characteristics are imparted to provide features such as flexibility for easy and stable size control and filling, as well as shrink and a special product contact layer to improve product yield along with ease of casing removal. These product attributes bring maximum value in the particular application.

## Using Nova plastic casings

Nova casings are often filled directly out of the case or may be pre-soaked in water. Some customers achieve better performance or find it more suitable for stuffing with pre-soaking while others don't. Soaking will make certain Nova casing more flexible which allows to stuff more resulting in larger diameter products. For us to provide the most productive solution, it is crucial to understand well the customer's process and requirements.

## Soaking to change the properties

Nova can be stuffed dry or soaked depending on the customer's procedures. For compliance with the latest regulations on hygiene, it's strongly recommended to exclude soaking from the process in order to avoid any

contamination. However, if it's still necessary, cold water should be used at a recommended maximum temperature of +20°C (68°F) for no longer than 20 minutes. Shorter soaking times won't allow the casing to absorb enough water for stuffing to the maximum diameter. Longer soaking times won't improve the performance, but they don't negatively affect the casing, either. The casing can be stuffed to a maximum diameter of 2% larger than the recommended stuffing diameter (RSD). Overstuffing can result in casing breakage during stuffing or thermal processing.

If there's a delay between soaking and stuffing, it's recommended to store the casing in a sealed plastic bag or in the soaking water. During the soaking phase, the casing must be completely submerged in and filled with water.

Soaking is not effective with Nova SCF products as the construction of the material will not absorb water and therefore change the properties. Soaking other Nova items such as very high shrink Nova can create unexpected results. Consult your ViskoTeepak Technical Representative for recommendations.

## Stuffing to perfection

Nova has a wide range of calibers and properties. For best yield and surface finish, stuffing round products to Recommended Stuffing Diameter (RSD) is advised. Some products are underfilled intentionally, such as D-shaped or molded products. For round products, stuffing too loosely may result in the formation of wrinkles on the products after thermal processing and cooling. Depending on the product, expansion may occur and so following guidelines on RSD for round products is important, while producing new D-shaped and mold-



ed products often requires some testing for optimal specification.

For molded products, the casing must usually be 5% to 10% longer than the mold. For example, if the mold has a length of 100 cm (39.37 in.), the casing length should be 105-110 cm (41.34 to 43.31 in.) measured from clip to clip. If it's too short, the final products will have rounded ends making the first slices unusable. If it's too long, the final product may have deep wrinkles, thus rendering the affected slices unusable. It's also important to use a suitable stuffing tube according to the casing specifications as well as the production process.

### Water-vapor transmission rate

Water-vapor transmission rate (WVTR) is the amount of water vapor that passes through the casing at a specific temperature and relative humidity. The test conditions vary but Nova is continuously tested at 37.8°C (100°F) and RH of 100% as set forth in ASTM E-398 and/or ASTM D-1653. In practice, this value correlates with the water (i.e., weight) loss over storage of a specific product at specific temperature and air pressure. The lower the rate, the lower the weight loss. However, the rate varies depending on the actual material thickness, temperature and pressure.

### Oxygen Transmission rate (OTR)

Oxygen transmission rate (OTR) is the amount of oxygen gas that passes through the casing over a certain period of time at a specific temperature, relative humidity and air pressure. The test conditions vary but Nova is continuously tested at 23°C (73°F) and RH of 0% as set forth in ASTM D-3985. The lower the rate, the less oxygen passes through the material. We offer Nova with a wide range of barrier properties to suit your application.

### Shrink

The shrinkage of Nova is the ability of its nylon layers to return to their initial state with a certain force. The casing shrinks longitudinally (in the machine direction (MD) along the length) and transversally (in the transverse direction (TD) across the width). Nova shrink is thermally activated during the cooking process to provide improved yield and product shape. We have a range of shrink levels designed for the specific application.

### Gauge / Thickness

The overall thickness or gauge of Nova is composed of all of its layers. It's the average of measurements taken at different points throughout the casing (excluding its edges).

### Flat-width tolerance

The flat width tolerance indicates the maximum variation in the width of the casing.

### Handle the casing with care

Always store, transport and handle Nova in a sealed plastic bag. Keep away from dust, moisture and direct sunlight. Store in a dry and cool place at room temperature.

Never store, transport or handle Nova at high temperatures (refer to "Temperature effects on Nova"). After storage at temperatures below 4°C (39°F), maintain the casing at normal room temperature for one day before use.

### Temperature effects on Nova

High temperatures may have an adverse effect on the Nova's final shrinkage and flat width. If the temperature is too high at any stage of the transportation, storage or handling, the actual flat width and/or final shrinkage can go below the value specified herein.

High temperatures may reduce the flat width, making it difficult to reach the recommended stuffing diameter (RSD) during stuffing. The effects the temperature may have on the flat width are shown in the chart below. The figures are provided for casings stored in an oven up to seven days at certain temperatures.

The flat width was measured and compared before and after the storage. After shirring, the casing is moist. Be sure its moisture is maintained.







# Nova Series.

We can tailor-make our Nova product to optimize performance for the needs in your product or production process. Based on a variety of choices below, we can select the most suitable casing for you here.

Series Name	Applications	Product options
<b>Core Series</b>	Cooked Ham & Poultry, Vegan, Meat Analogues, Butter, Cheeses. Retail and long shelf life oriented.	L, X, RC, RCF, RHB, RX, PR
<b>Shape Series</b>	Square or rectangular ham, poultry or plant based, D-Shaped, Natural and Ring bologna shapes and molds. Retail and long shelf life as well as food service applications.	HX, XHA, RM, XHA+, PR, RS, SP, RNG
<b>Industrial &amp; Automation Series</b>	Raw & frozen meat and alt-meat products, sliced/diced items, soups, gravies, chorizo. Now includes high-speed automation lines needing fast casing removal and yield optimization.	M5, PB, PLL, PHD, C, SCF, RTR-T, RHC, RSE, RT
<b>True Series</b>	Pet foods thermally processed retail, liverwurst, small diameter chubs, braunschweigers, plant based, chorizos, hot dogs with casing left on. Retail oriented small diameters or harsh thermal processes.	RHC, XT, LT, REP, RXM, RP, HD
<b>Permeable Series</b>	Allows you to produce cured, smoked and fermented items such as salami, hams, hot dogs, while gaining performance and cost advantages.	PN, PM
<b>Mini Series</b>	Hot dogs, frankfurters, mini salamis – meat, poultry, or plant based. Ideal for consistent portioning in small-diameter formats. Retail and food service ready.	RMC, RMS, LMC, SCF-M, HD-P, HD
<b>Pet Series</b>	Raw, dehydrated, and thermally processed pet foods. Tailored for industrial and retail. Supports HPP and thermal processes with high-visibility, easy-peel options.	HVO, HVT, X-PET, PET-HD, PET-RC, RTR-T
<b>Eco Series</b>	Sustainable casing solutions for various food types. Reduces packaging and supports recyclable formats. Designed with future-focused materials.	X-E, L-E, SCF-E, RC-E, RHB-E

## Nova Attributes

Attributes	Availability
<b>Shrink Levels</b>	0%, 5%, 8%, 10%, 12%, 15%
<b>Meat Adhesion</b>	Standard, AP, HA, HA+
<b>Easy Release</b>	LA, MR, MR+, SES, EP
<b>O<sub>2</sub> Barrier</b>	Permeable, Low Barrier, Medium Barrier, High Barrier
<b>Gauge (mic)</b>	30, 38, 43, 45, 48, 50, 55, 60
<b>Flexibility</b>	Low Flex, Standard Flex, High Flex
<b>Special Function</b>	UV, PR, SMOKE



# Nova Core Series for Round Products.

With stellar performance our Nova Core series encompasses our group of high-performance multilayer plastic casing suitable for all types of round / cylinder-shaped products, including mortadella, chorizo, liver sausage, ground meats, pâté, soy, butter and various cheese products. Giving you the power you need to achieve outstanding results!

## Retail Chub Products

Nova Core Series products are perfect for both manual and automatic chub production lines for both fresh and frozen chub products with features optimized for the required shelf life. High yield / extremely low weight loss during processing and storage is a signature feature. With a range of thermal shrink and adhesion properties ensure a smooth, high yielding final product presentation after processing and cooling, while still being excellent for peeling. The Nova Core series is ideal for round vegan, meat analogue, butter, cheese, meat and poultry based products.

## Dairy & Vegan Products

With a range of tailor fit options, the Nova Core Series is a great choice for many applications including extensive use for dairy products such as cheeses and butters, to vegan products such as tofu and meat analogues. Suitable for hot-filled products such as cheeses and ideal for cooked products that don't require smoking or drying. Built in selectable moisture and gas barriers, along with excellent size control in round-shaped applications. All Nova casings are offered in a wide range of calibers, colors and converting options to suit products sold in

the casing as the consumer packaging or peeled and sliced by the manufacturer.

## Cheese Products

Hot fill cheese offers unique challenges which Nova Core Series Line products meet exceptionally well. High temperature filling and cooling while maintaining form is critical and Nova Core allows you fast smooth performance.

## Cooked Products

Nova Core Series products allow maximum yield with essentially zero weight loss. Nova Core Series can take the heat for a variety of different cook processing conditions from steam to water cook. It's critical that the product's core temperature achieve target requirements during cooking to achieve the necessary reduction in the number of active microorganisms which also provides the desired shelf life. While Nova casings have stated oxygen and water vapor barrier levels, final shelf life depends on many factors including initial microbial contamination, processing, as well as storage conditions and temperatures.

Nova Core Series is a great choice for  
Retail Products



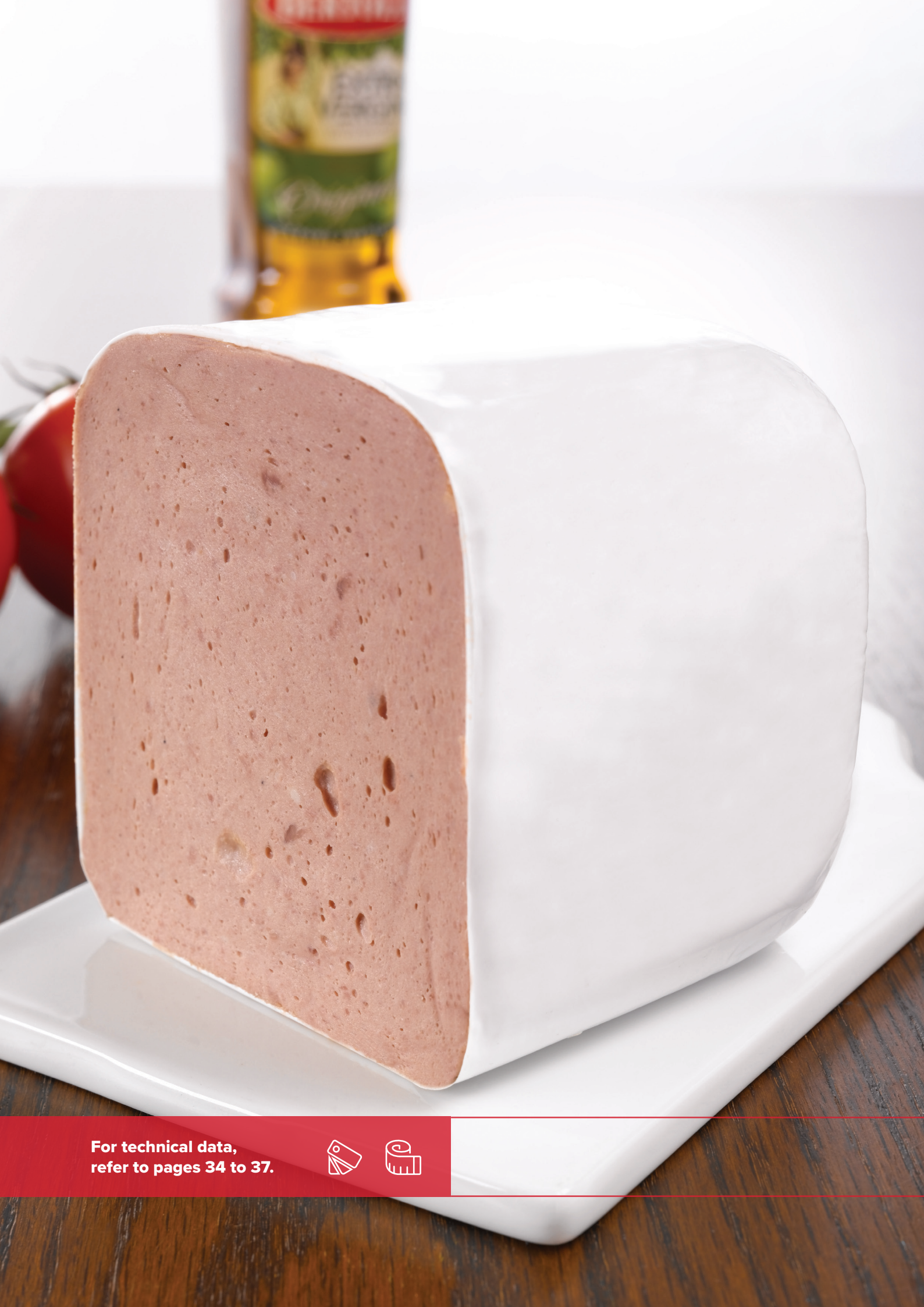


Plant-based products continue  
to be a growing category for  
the Nova Series



**For technical data,  
refer to pages 34-37.**





For technical data,  
refer to pages 34 to 37.





# Molded products are easy with the Nova Shape Series.

Nova Shape Series of products create a wide spectrum of shapes with ease. Designed for non-cylindrical products, special features of shrink, adhesion and thickness are tailor made to your application. From ham, poultry, vegan and cheese applications, results will light up your sales. From molded products to D-Shaped, our Nova Shape Series gets the job done.

## Suitable for many applications

The Nova Shape Series control adhesion, shrink and create a high yield, excellently formed product for the ideal appearance in your application. Along with extremely low weight loss during processing and storage, creating a uniform product every time. It's perfect for cooking without smoking or drying and suitable for products sold in the casing as the consumer packaging, peeled by the manufacturer or shipped with the casing on to customers who want to peel, slice and repack in consumer packaging.

## Molding the perfect solution

Depending on the product, whether it be poultry, red meat or vegan products, a Nova Shape Series product will allow you to achieve your goals of yield, shape and shelf life. Our experienced technicians have spent thousands of hours in the field to allow us to specify the best product for your application.

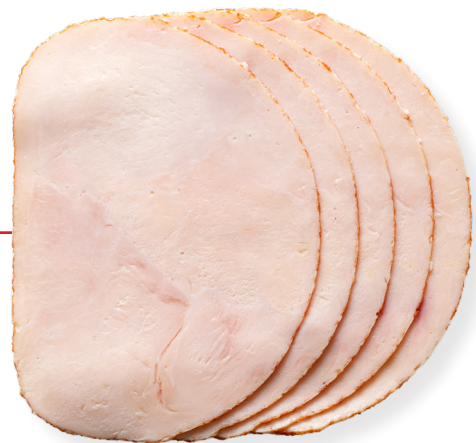
*Nova Shape Series makes it possible to create natural D-Shaped products*

## D-Shapes

For a more natural semi round shape, often referred to as a 'D-Shape' because the product looks like a D laying on its flat side, a Nova Shape Series L product is the right choice. Several parameters affect creating the perfect product and are tailor fitted for optimal shape, size and appearance.

## Custom Shapes

Within our Nova Shape series we offer even more custom options, from shapes such as our ring shaped for bologna.



Features	Benefits
Controlled Shrink	Enhanced performance for sharp cornered molded and more natural D shaped products
Outstanding Print Quality	Increased brand awareness. Photographic print designs create a beautiful presentation for retail and deli products.

# Great processability with Nova Industrial & Automation Series.

Nova Industrial & Automation Series offers a range of single- and multi-layer materials designed for high performance, reliability, and safety in High Volume Manufacturing (HVM) operations. Packed with features for ease of use targeted to your application, we have a solution.

## Soups & Gravies

Nova Industrial & Automation Series also has engineered plastics for optimum performance for hot fill soups and gravies.

## Whole Muscle Meats

When economics and durability meet, our Nova Industrial & Automation Series performs with a highly crystalline and durable polyolefin material for processing whole muscle meats with ease.

## HVM Automation Process

Specially developed Nova products RSE and RHC allow high-speed, reliable casing removal and maximum yield in high-volume manufacturing fitted with automated equipment. Enhanced color options, such as Nova High Visibility (RHV), allow easy visual detection of casing to ensure complete removal.



A high performance casing for a wide range of applications

## Frozen Rolls

For those quick fill and freeze products from ground beef, pork sausage and meat analogues, Nova Industrial & Automation is a great economical solution.

## High Temperature Cooking

When cook temps are required to be very hot, we have multiple solutions from M5 to RTR-T, including casing types suitable for retort temperature cook processes while maintaining durability and strong performance.

## Chorizo

Our Industrial & Automation Series also offers a selection of semi-permeable barrier plastic casing designed for typical chorizo applications, both for manual and high-speed stuffing. The benefits of this casing include extended product shelf life, high strength and good bacterial resistance during production. It has a good caliber consistency to guarantee the same length and diameter of each stuffed piece and it's printable.



Features	Benefits
Almost zero weight lost during processing and handling	Higher Yields
Medium Barrier for special applications	Increased shelf life for products where gas permeability is necessary, i.e., chorizo
Good converting options	Tailor-made to your need





**For technical data,  
refer to pages 34-37.**





For technical data,  
refer to pages 34 to 37.





# Advanced caliber control with the Nova True Series.

Products in our Nova True Series offer the power of a stable, stronger oriented plastic casing designed for cylindrical products. With selections for high and low expansion formats, the series provides increased caliber control—supporting consistent diameter and length with every chub. Its high durability makes it ideal for products that are hung during processing and require reliable final-size consistency. It also suits products sold in the casing as consumer packaging or peeled and sliced by the manufacturer.

## Consistent Sizing and Hanging Applications

Nova True Series products are a strong choice when shape retention, peeling, and size uniformity are key. The series delivers precise diameter control through orientation processes that boost toughness and maintain form. While other casing types may perform well, Nova True excels under tougher conditions— especially when hanging and slicing accuracy are critical.

This product can offer tough casing that can handle longer processing times



Features	Benefits
Excellent Caliber Control	Diameter and length sizing consistency
Increased Strength	Hanging products during thermal processing
Peeling Ease	Ergonomic improvement and labor savings

# Nova Permeable Series for Cured Products.

Advanced polymer materials have given us the ability to manufacture moisture- and oxygen-permeable plastics, creating a cost-effective and consistent plastic casing product. Producing smoked, cured, and fermented products was once thought to require specialized paper or collagen-based materials. Key advantages of stable permeation are preventing uneven drying and rind formation, as well as repeatable performance. Nova Permeable Series allows you to produce cured, smoked, and fermented items while gaining performance and cost advantages.

## Fast Fermented Salami/Pepperoni

Nova Permeable Series products allow you to produce product size ranges from 28 to 100 millimeters in diameter, covering typical pepperoni and salami fermented product sizes. Making toppings for pizzas and other ingredients has never been easier. Available in colors matching fibrous products, such as reds, browns, as well as clear and blue colors for internal processing. Our technical team can help develop the optimal processing cycle to achieve your goals. Color books are available.



Permeable Series can be used on all industry stuffing and linking machines

## Ring Bologna Products

Producing old-world products, such as smoked ring bologna, is easy with Nova Permeable Series. Using a specialized process allows us to manufacture plastics that will produce curved shapes, such as ring bologna. Together, these features provide the look of a natural or collagen casing product with the consistency and reliability of precision-controlled manufacturing. Smoke penetrates through the plastic casing to develop flavors and colors, creating artisan-quality products.

## Smoked Ham Products

For larger-sized smoked hams, Nova Permeable Series provides a great solution. With great process control, these shirred casings are easy to use to produce great ham products of many larger sizes. Controlled moisture and vapor transmission levels provide a great-looking finished product every time.

## Performance & Consistency

Nova Permeable Series utilizes the latest materials technology to reduce total operational costs, improve product consistency and appearance when creating a range of popular and traditional products. Sample some for your application today!

Features	Benefits
Utilizes the latest materials technology	Reduce operational costs & improved product consistency
Precision-controlled manufacturing	Offers an excellent caliber control
Controlled moisture and vapor transmission levels	Provides a great-looking finished product





**For technical data,  
refer to pages 34-37.**





**For technical data,  
refer to pages 34 to 37.**





# Mini Series - Big Performance for Small-Diameter Products.

The Nova Mini Series is tailor-made for small-diameter applications like hot dogs, frankfurters, and mini salamis. With superior sizing control, fast and consistent filling, and optimized performance during processing and packaging, it's the go-to solution for meat, poultry, and vegetarian products in compact formats.

## Precision in Every Portion

Nova Mini Series casings are designed to deliver uniform length, diameter, and weight in high-speed or manual production. Whether you're producing for retail or food service, these casings offer the portioning accuracy needed for visual appeal and processing efficiency.

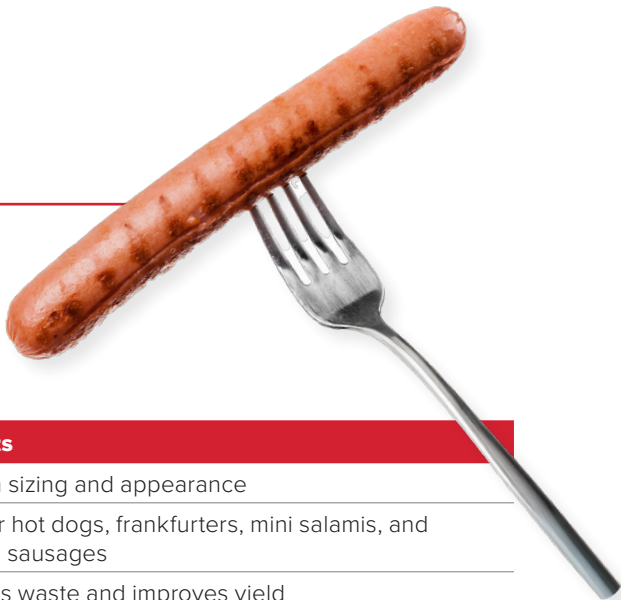
## Flexible and Efficient

With options suitable for fresh, cooked, smoked, or frozen products, Nova Mini Series ensures optimal performance across a range of cooking and filling conditions. Casings are available in various calibers, colors, and peelability levels to meet specific production needs.

## Hot Dog Products

Producing hot dogs, whether plant-based, meat, or poultry, was one of the first product applications created with this Nova HD-P product subgroup. Production of products in diameters from 15 to 32 millimeters covers all common hot dog types from small cocktails, 10:1 pound hot dog products to larger Jumbo Hot Dogs, Kielbasa, Polish Sausage, and Knockwurst types. Smoke and moisture permeability provide color and flavor. Some markets leave the casing on to provide a unique look and handling protection. Nova HD-P Permeable Series product is able to be used on all industry stuffing and linking machines. Excellent caliber control, along with improved yield, provides cost savings and appeal.

Mini Series casings fit all standard hot dog machines



Features	Benefits
Engineered for small-diameter formats	Uniform sizing and appearance
High-speed and manual filling compatibility	Ideal for hot dogs, frankfurters, mini salamis, and cocktail sausages
Excellent caliber control and consistent portioning	Reduces waste and improves yield
Available with shrink, peelability, and smoke permeability options	Adaptable for retail or foodservice formats
Compatible with meat, poultry, and plant-based products	Reliable casing performance in challenging production conditions
Shirred casings available with special closures for efficient production with our Mini Series casings on today's high-speed equipment	

# Nova Pet Series - Built for the Pet Food Industry.

The Nova Pet Series delivers tailor-made plastic casings for both industrial and retail pet food production. Designed for durability, printability, and safety, this series meets the unique demands of pet food processing—whether you're working with raw, cooked, high-pressure pasteurized, or retort sterilized formats.

## Smart Casings for Specialized Needs

Pet food production can involve demanding processes—from thermal sterilization to high-pressure pasteurization. Nova Pet Series casings are up to the task, offering strength, shape retention, and easy handling in both human-grade and functional pet food formats.

## Made to Stand Out

With durable, high-resolution print options and bright, high-visibility colors, Nova Pet Series helps your product stand out on the shelf and stay traceable in production. Whether for consumer-ready chubs or bulk formats, the series supports both performance and presentation.



Nova Pet Series casings are built for tough pet food processes and stand out with strong, printable, high-visibility designs

Features	Benefits
Engineered for raw, cooked, HPP, and retort sterilized pet foods	Supports both industrial bulk and retail consumer formats
Available in high-visibility and fluorescent colors for detection and branding	Improves food safety and visual inspection during production
Durable print surface for label-free packaging	Extends shelf life and protects product integrity
Easy-peel options for safe and efficient processing	Stands up to rigorous handling and long process times
Casing options tailored for high-pressure, thermal, or industrial filling lines	Reinforces brand impact with photo-quality printing





**For technical data,  
refer to pages 34-37.**





For technical data,  
refer to pages 34 to 37.





# Eco Series - Casing Solutions for a more Sustainable Future.

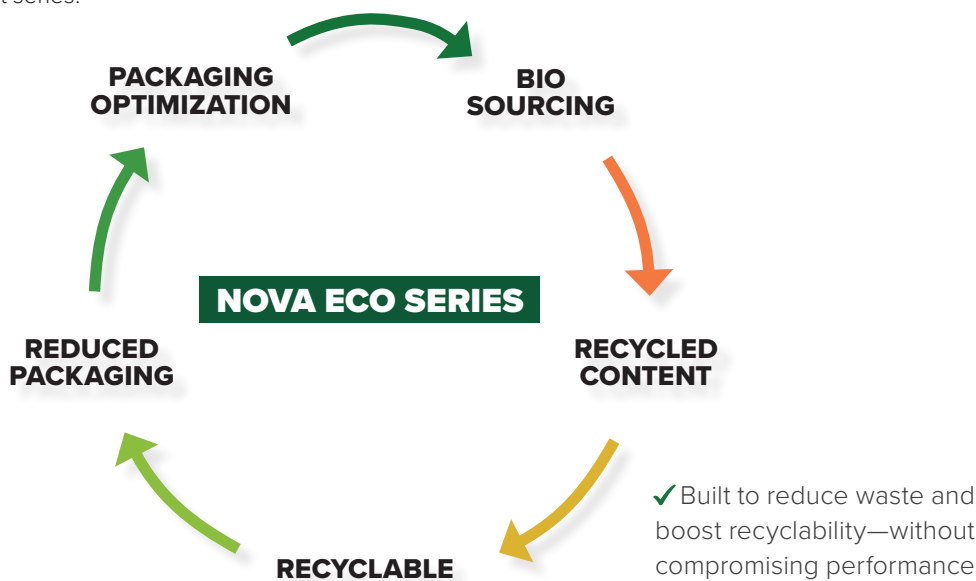
The Nova Eco Series is our sustainability-focused product line, developed to reduce packaging waste, support recycling, and improve environmental responsibility without sacrificing performance. With a future-ready mindset, these casings are designed to meet both regulatory demands and your company’s sustainability goals.

## Eco-Friendly by Design

Nova Eco Series casings are manufactured using optimized material blends to reduce plastic use and increase recyclability. These casings help minimize environmental impact throughout the product lifecycle—from production through packaging and disposal. We are actively developing new eco-friendly options, including plant-based polymers and biodegradable solutions, to expand this future-oriented product series.

## Reliable and Responsible

Nova Eco Series delivers excellent technical performance in a wide range of food applications, offering the same barrier protection, fill efficiency, and visual appeal you expect from Nova casings—while supporting more sustainable manufacturing practices.



Features	Benefits
Reduced plastic content with recyclable material options	Supports sustainability targets and compliance requirements
Available for a variety of applications and calibers	Reduces packaging weight and waste
Compatible with meat, poultry, plant-based, and dairy products	Enables recyclability in selected markets
High-barrier versions available to preserve shelf life	Maintains casing performance, shelf appeal, and product protection
Includes options with lower carbon footprint and optimized material use	Aligns with environmentally conscious brand positioning





# Insight - Tailor-making with Nova Adhesion Control.

All our Nova casings offer a range of product adhesion and release options! From extra high adhesion control for emulsions where strong product adhesion is critical such as long shelf life high water content products, to Easy Release Plus to improve the ergonomics for operators removing the casing to allow rapid peeling and slicing performance when high throughputs are required. Overall a selectable release level can achieve your goals for ease of use, yield, shelf life and appearance.

## Power Adhesion

Yield loss is expensive and messy. With multiple levels of adhesion available, designed for higher product adhesion without purge, drip and liquid release which can affect the product shelf life and appearance. We have targeted a number of levels of adhesion which is designed for applications from ham, chicken, turkey and MDM products as well as meat analogues.

### No changes in the process or product

Nova Adhesion is a built in feature that can be implemented without any change in the current process or product formula. Unlike other plastic casings, it has the FDA approved adhesion aids as well as specialized materials incorporated in the inner contact layer eliminating any product contamination risks. The aspect to keep in mind is the recommended stuffing diameter. Following our recommendations, a targeted level of adhesion and benefits can be achieved. Note that if the casing is stuffed too loose, there is a risk that the adhesion increase potential isn't fully used.

### Standard production

With strong experience is a broad array of applications, we have targeted adhesion levels for your application that will provide excellent improvement, often bringing yield savings that exceeds the cost of our casing!

## Easy Release

Ergonomics and speed, both critical in today's production environment. Nova Easy Release selectable options are designed for enhanced release without purge resulting in improved peeling and slicing performance. Combining specialized resins with FDA approved aids create a range of release options. Food plant personnel love the ergonomic ease at removing the casing and everyone benefits from the lower cost that faster processing speeds and optimized yields provide. All raw materials are approved for direct food contact.

### Standard production

Easy Release is often used in conjunction with tinted casings to confirm casing removal, and while any of the Nova Series products offer easy release option, for even more food safety this can often be combined with Nova products designed to peel off in a single or few large pieces.

Features	Benefits
Controlled levels of adhesion	Optimized Yield
Increased speed of peeling and slicing	Higher yields
Controlled Release	Ergonomic, High Speed casing removal



# Tailor-made to perfection.

With a range of layers in the basic construction, it's possible to adapt a Nova casing construction to fit your process and application. You can then combine these alternatives with a variety of additional properties and/or converting options to really tailor-make the casing solutions to your exact requirements. However, often one converting step doesn't preclude the other. With an extensive array of possible combinations, ViskoTeepak can confidently state that we have something to offer for every customer. We stand by our word, so give us the chance to develop and test our solutions, and we will prove that we have some of the most productive solutions around.



## Shirring

ViskoTeepak shirred plastic casings feature a highly consistent shirring pattern, which allows for trouble-free stuffing. Moreover, the large inner bore and extended length per strand result in a fluent and highly efficient workflow. A shirred casing is always in a premium condition, helping maintain an attractive end product appearance.

Shirred casings speed up your production through simplified planning and fast, easy handling. The amount of meters per strand is a function of the diameter of the shirring mandrel as well as the strand length, casing caliber and thickness. The diameter of the shirring mandrel depends on the diameter of the stuffing tube, and the strand length depends on the length of the stuffing tube. In this context, it's very important to get as much information as possible from the customer regarding the specific needs, such as the required meters per strand, longest possible strand length and stuffing tube diameter. Due to its multilayer construction, Nova is softer than a monolayer casing. If shirring after printing, make sure that the inks have dried and cured properly. We recommend that the casing should not be shirred within five days after printing ink finishing the curing time.



## Printing

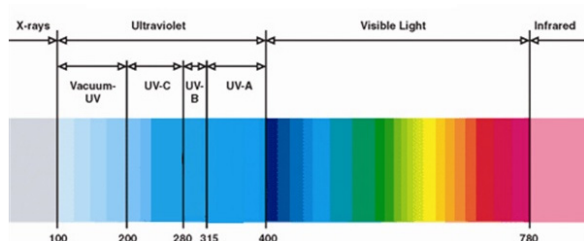
By printing the casing, customers can turn the casing into a consumer packaging instead of using a label on the product. Producers can print their logo, ingredients, and even EAN (bar codes) codes on the Nova plastic casing. We often talk about photo quality printing with Nova, which means we can offer you some of the best quality printing available on the market.

We have a Central Drum Flexo Printing Machine that is capable of printing 8 + 8 color (these numbers denote eight colors on the front and eight on the back, which are printed at the same time). The initial step in the process is the prepress, which includes a revision of the printing design by the designer and manufacturer of the photopolymer plate. Our prepress supplier uses the latest technology to create photos mechanically, using a flexible material such as rubber and coated with solutions that make certain areas impermeable to water. This creates high-quality photopolymer plates of a certain thickness. This is used in flexoprinting to transfer the specific amount of ink applied to raise an image on the photopolymer plate that is necessary to transfer the image to the printing substrate.

The surface of Nova is PA 6, which is a polar surface, making it easy to print with a perfect result. The number of colors in the print is denominated X+Y, where "X" corresponds to the number of colors on the upper side and "Y" to the number on the underside. For example, 4+1 means that the upper side is to be printed using four colors and the other side with one. We have the equipment, technology and trained personnel necessary to support and produce the best quality printing for our customers and fulfill their requirements.

## Optimized Gauge

While we have standard thicknesses for many products, often benefits can be gained from adjusting the gauge or thickness of the material. We can offer a range of thicknesses that can either increase toughness or durability under certain conditions, or optimize cost when an application may be improved through a lighter casing.



## Ultraviolet

The UV protection helps to reduce the color change in certain formulations and/or in certain types of products such as mortadella and bologna sausages. It also improves the casing shelf life and mechanical properties.



## Puncture resistance

The PR feature is used when the casing needs to be protected from harsher conditions in processes where it's stuffed by hand or in tough automatic processes. It's also used in harsher molding conditions when the mold is in bad shape. The mix of special raw materials, together with the combination of strong layers, creates a very durable, puncture-resistant packaging material. This is

especially beneficial when the casing is used as the final packaging, in transportations, harsh storage conditions and much more.

## High barrier

The HB addition improves the barrier properties of the casing and extends the shelf life of the sausage. It creates a high-performance casing that provides very high barriers against oxygen. With high barrier properties, there also comes the benefit of low weight loss during processing and in storage.

## Thermal Shrink

With selectable levels of shrink we can further optimize finished product yield, appearance and shelf life. With our experienced technical and management team, tailor making the best solution is what we do!





# Processes and applications.

## Preparing for a test

When testing, it's important to create the same conditions as the customer would normally have in his regular production. For example, if the customer normally uses a shirred casing, then the tests should also be performed using a shirred casing.

## Selecting the RSD for Nova X/L

If the customer is already uses a plastic casing and stuffs it round, it's best to get a couple of pieces to measure the product diameter before processing and after cooling. Because the casing industry has a lot of different trade names, just asking what size they are using normally doesn't work. Neither does it help to measure only the current casing's flat width, because the same flat width from different suppliers can stuff to different diameters. Nova casings can have an expansion of up to 2 mm during thermal processing, depending on the emulsion. By measuring the product diameter before processing and after cooling, you get all the sizes you need.

## Technical sales support

Customer service is a top priority. In order to further develop this part of our service and to serve our customers better, we have established a TSS group with expertise in casing technology, customizing and sausage-making.

## Technical Sales Support Services

The Technical Sales Support Team is responsible for creating new business solutions for a value-driven environment and to support the customer in improving his business as well as providing solutions to problems. The team members have many years of practical and theoretical experience. The service will offer consultations on how to maximize the benefits of plastic casing usage, optimize process parameters, cost control, product quality consistency and tailor-make casing for customers.

















## Production and delivery of a sample

A Sample Request form will be filled in with all the details given to you by the sales manager. This request will then be given a test number and a trial sample will be manufactured based on the information received from you. The delivery times for trial samples have to be agreed upon with ViskoTeepak marketing personnel on a case-by-case basis. We recommend that customizing is done by the same customizer used in the normal operations of the business.

## Selecting the color

It's best to get a piece of the current casing before it's stuffed. Then match the color using the Nova plastic casing color book. Because different casing producers have different ways of adding the color, it's important to remember that a casing might have a different shade before and after processing. If a color isn't currently available for a Nova plastic casing, we might be able to develop it by matching a sample. When a new color needs to be developed, a minimum of 2 m (7 ft.) of casing is required. It's a quite long process to develop a new color, because our color suppliers have to match the sample. Also, the method of producing the casing can change because of adding a new color to the process.



Color options			
 Clear 001	 Red orange 330	 Light blue 103	 Gold 322
 White 233	 Dark red 316	 Light green 119	 Copper 313
 Black 211	 Brown 212	 Light red 128	 Cream 314
 Red 328	 Mahogany	 Light amber 111	 Pink 635





Nova manufacturing plant in Nuevo Laredo, Mexico

# Quality and safety.

## Plastic casing quality assurance

From the very beginning, our goal has been to be at least as good as the world's top producers of biaxially oriented plastic casing. To reach that goal, we've been allowed to buy the best machines and equipment available. Additionally, everyone at the company is committed to giving his or her input in developing the process, the product, and the systems of quality control and assurance. Production data, QC data and samples from the orders manufactured are stored for two years. The opacity of every production reel is reference checked.

## Product quality and safety systems

ViskoTeepak and ViskoTeepak S.A. de C.V. hold the Quality Management System Certificate, ISO 9001:2015, which is granted by the International Standards Organization. In accordance with ISO 9001:2015, all stages of product development in the casing manufacturing process associated with ViskoTeepak casings is conducted in line with the procedures and specifications set forth in the certified documentation, which is subject to continuous updating and occasional audits.

This ensures that ViskoTeepak's products and services meet the most demanding customer requirements. As a part of the ViskoTeepak Total Quality Concept, the ISO 14001:2015 environmental management system has been implemented at ViskoTeepak and ViskoTeepak S.A. de C.V. The ISO 14001:2015 EMS has been certified at ViskoTeepak and ViskoTeepak S.A. de C.V. To ensure that the risk for contamination is eliminated or reduced we obtained the certification per the BRC Packaging and Packaging Materials Food Safety Standard, Issue 5. The basis for the system is a risk analysis of all processes, beginning with development up to transportation of the products to the customer.

We always aim for the highest level of certification in all our product lines and for all our plants, to read more on this topic go to the last spread of this brochure.



# Clip recommendations.

To help our customers make the best choice of clip, we have consulted Tipper Tie and Poly-Clip. These are two of the world's largest manufacturers of clipping machines.

## The importance of clips

It's absolutely crucial to have the right size clip. A clip that is too big can create slippage that could result in a product with wrinkles and jelly pockets or purge. A clip that is too small, on the other hand, might cut the casing

and cause breakage during stuffing or processing. Also, we must take into account that the clip recommendations fit casings of standard thickness. If you're using a lighter or thicker casing, the clip may also require adjustment.

## Tipper Tie

RSD (mm)	Flat width (mm)	RSD (inch)	Flat width	Tipper Tie	Tipper Tie Technopak	Tipper Tie Alpina
35–49	52–73	1.38–1.93	2.05–2.87	Z201	E-220	18–07 5 × 1,5
50–59	75–88	1.97–2.32	2.95–3.1	Z201	E-231	18–09 5 × 2.0
60–79	90–118	2.36–3.11	3.54–4.65	Z201	E-232	18–09 5 × 2.0
80–104	120–156	3.15–4.09	4.72–6.14	Z201	E-510/E-520	18–11 5 × 2.0
105–134	157–200	4.13–5.28	6.18–7.87	Z201	E-520	18–12 5 × 2.0
135–169	201–253	5.31–6.65	7.91–9.96	Z401	E-520	18–12 5 × 2.0
170–	254–260	6.69–7.05	10.00–10.23	Z401	E-520	18–12 5 × 2.0

Clip recommendations are for standard casing thicknesses.



## Poly-Clip

		FCA 3410 / 3411 / 3415 / 3441 / 3451 / 3462		FCA 3451 / 3462		DFC, PDC,DCD, SFC,SCD, SCH
Caliber (mm)	Stuffing tube ø	Die	R-clips spreading 15	Die	R-Clips spreading 18	S-Clips
30–39	20	15–7	15–07–5 × 1.5 L			628, 735
40	20	15–7	15–07–4 × 1.25 L			628
	(22)		15–07–5 × 1.5 L			735
41		15–8	15–08–5 × 1.75 L			
45	24	15–7	15.07–4 × 1.25 L	18/07	18–7–5 × 1.5 L	628, 632
				18/8	18–08–5 × 1.75	
			15.07–5 × 1.5 L	18/9	18–09– 5 × 1.75 L	735
		15–8	15–08–5 × 1.75 L			
50	24	15–7	15–07–5 × 1.5 L	18/7	18–7– 5 × 1.5 L	628
		15–8	15–08–5 × 1.5 L	18/8	18–8– 5 × 1.75	735
			15–08–5 × 1.75 L	18/9	18–9– 5 × 1.75 L	
			15–08–5 × 2 L			
55	24	15–7	15–07–5 × 1.5 L	18/07	18–7– 5 × 1.5 L	628
		15–8	15–08–5 × 1.5 L	18/8	18–8– 5 × 1.75	735
			15–08–5 × 1.75 L	18/9	18–9– 5 × 1.75 L	
60	28	15–8	15–8–5 × 1.5 L	18/9	18–9– 5 × 2.0 L	632
			15–8–5 × 1.75 L		18–9– 5 × 2.0 LR	735
65	36	15–8	15–08–5 × 1.75 L	18/8	18–8– 5 × 1.75	632
		15–9	15–09–5 × 1.75 L	18/9	18–9– 5 × 2.0 LR	735
			15–09–5 × 2a			
90	36	15–10	15–10–5 × 2.0 L	18/8	18–8– 5 × 1.75	632, 844
				18/9	18–9– 5 × 2.0 LR	
				18/10	18–10– 5 × 2.2 L	740, 8740
95	48			18/10	18–10– 5 × 2.2 LR	632
					18–10– 5 × 2.5 L	740, 8740
					18–11– 5 × 2.2 L	844
					18–11– 5 × 2.0 L	
100	48			18/10	18–10– 5 × 2.2 L	632
				18/11–12	18–11– 5 × 2.0 LR	
					18/12– 5 × 2.0 LR	
					18–10– 5 × 2.5 L	470, 8740
					18–11– 5 × 2.2 L	844
110	48			18/11–12	18–11– 5 × 2.2 L	747, 848, 8748
					18/12– 5 × 2.5 LR	
120	60			18/11–12	18/11– 5 × 2.2 L	747, 848, 8748
				18/13	18/13– 5 × 2.5LR	
150	60					854, 8748
170	60					854, 8748

Clip recommendations are for standard casing thicknesses.



# RSD to flat width.

Conversion table

RSD		FW		RSD		FW		RSD		FW		RSD		FW		RSD		FW	
mm	inch	mm	inch	mm	inch	mm	inch	mm	inch	mm	inch	mm	inch	mm	inch	mm	inch	mm	inch
34	1.34	51	2.01	69	2.72	103	4.06	104	4.09	155	6.10	139	5.47	207	8.15	174	6.85	260	10.24
35	1.38	52	2.05	70	2.76	104	4.09	105	4.13	157	6.18	140	5.51	209	8.23	175	6.89	261	10.27
36	1.42	54	2.13	71	2.80	106	4.17	106	4.17	158	6.22	141	5.55	210	8.27	176	6.93	263	10.35
37	1.46	55	2.17	72	2.83	107	4.21	107	4.21	160	6.30	142	5.59	212	8.35	177	6.97	264	10.39
38	1.50	57	2.24	73	2.87	109	4.29	108	4.25	161	6.34	143	5.63	213	8.39	178	7.01	265	10.43
39	1.54	58	2.28	74	2.91	110	4.33	109	4.29	163	6.42	144	5.67	215	8.46	179	7.05	267	10.51
40	1.57	60	2.36	75	2.95	112	4.41	110	4.33	164	6.46	145	5.71	216	8.50	180	7.09	268	10.57
41	1.61	61	2.40	76	2.99	113	4.45	111	4.37	166	6.54	146	5.75	218	8.58	181	7.13	270	10.63
42	1.65	63	2.48	77	3.03	115	4.53	112	4.41	167	6.57	147	5.79	219	8.62	182	7.17	271	10.69
43	1.69	64	2.52	78	3.07	116	4.57	113	4.45	169	6.65	148	5.83	221	8.70	183	7.20	273	10.75
44	1.73	66	2.60	79	3.11	118	4.65	114	4.49	171	6.73	149	5.87	222	8.74	184	7.24	274	10.80
45	1.77	67	2.64	80	3.15	119	4.68	115	4.53	172	6.77	150	5.91	224	8.82	185	7.28	276	10.86
46	1.81	69	2.72	81	3.19	121	4.76	116	4.57	173	6.81	151	5.94	225	8.86	186	7.32	277	10.92
47	1.85	70	2.76	82	3.23	122	4.80	117	4.61	175	6.89	152	5.98	227	8.94	187	7.36	279	10.98
48	1.89	72	2.83	83	3.27	124	4.88	118	4.65	176	6.93	153	6.02	228	8.98	188	7.40	280	11.04
49	1.93	73	2.87	84	3.31	125	4.92	119	4.69	177	6.97	154	6.06	230	9.06	189	7.44	282	11.10
50	1.97	75	2.95	85	3.35	127	5.00	120	4.72	179	7.05	155	6.10	231	9.09	190	7.48	283	11.16
51	2.01	76	2.99	86	3.39	128	5.04	121	4.76	180	7.09	156	6.14	233	9.17	191	7.52	285	11.22
52	2.05	78	3.07	87	3.43	130	5.12	122	4.80	182	7.16	157	6.18	233	9.21	192	7.56	286	11.27
53	2.09	79	3.11	88	3.46	131	5.16	123	4.84	183	7.20	158	6.22	236	9.29	193	7.60	288	11.33
54	2.13	81	3.19	89	3.50	133	5.24	124	4.88	185	7.28	159	6.26	237	9.33	194	7.64	289	11.39
55	2.17	82	3.23	90	3.54	134	5.28	125	4.92	186	7.32	160	6.30	239	9.41	195	7.68	291	11.45
56	2.20	84	3.31	91	3.58	136	5.35	126	4.96	188	7.40	161	6.34	240	9.45	196	7.72	292	11.51
57	2.24	85	3.35	92	3.62	137	5.39	127	5.00	189	7.44	162	6.38	242	9.53	197	7.76	294	11.57
58	2.28	87	3.43	93	3.66	139	5.47	128	5.04	192	7.48	163	6.42	243	9.57	198	7.80	295	11.63
59	2.32	88	3.46	94	3.70	140	5.51	129	5.08	193	7.60	164	6.46	245	9.65	199	7.83	297	11.69
60	2.36	89	3.50	95	3.74	142	5.59	130	5.12	194	7.64	165	6.50	246	9.68	200	7.87	298	11.74
61	2.40	91	3.58	96	3.78	143	5.63	131	5.16	195	7.68	166	6.54	248	9.76	201	7.91	300	11.80
62	2.44	92	3.62	97	3.82	145	5.71	132	5.20	197	7.76	167	6.57	249	9.80	202	7.95	301	11.86
63	2.48	94	3.70	98	3.86	146	5.75	133	5.24	198	7.79	168	6.61	251	9.88	203	7.99	303	11.92
64	2.52	95	3.74	99	3.90	148	5.83	134	5.28	200	7.87	169	6.65	252	9.92	204	8.03	304	11.98
65	2.56	97	3.82	100	3.94	149	5.47	135	5.31	201	7.91	170	6.69	254	10.00	205	8.07	306	12.04
66	2.60	98	3.96	101	3.96	151	5.94	136	5.35	203	7.99	171	6.73	255	10.04				
67	2.64	100	3.94	102	4.02	152	5.98	137	5.39	204	8.03	172	6.77	257	10.12				
68	2.68	101	3.98	103	4.06	154	6.06	138	5.43	206	8.11	173	6.81	258	10.16				

For conversion from RSD to flat width, use the following formula: Flat width = RSD × 0.95 × 3.14 / 2  
For conversion from flat width to RSD, use the following formula: RSD = Flat width / 0.95 / 3.14 × 2

# Product offering.

## Casing caliber vs. inner diameter during shirring

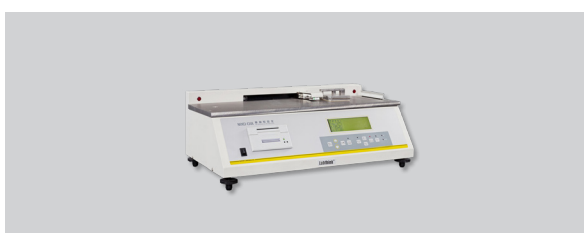
RSD (mm)	Inner diameter	Package
34–39	Min. 24 mm (0.944 in.)	Net
40–49	Min. 28 mm (1.10 in.)	Net
50–59	Min. 36 mm (1.41 in.)	Net
60–70	Min. 41 mm (1.61 in.)	Net
71–84	Min. 52 mm (2.04 in.)	Net
85–99	Min. 61 mm (2.40 in.)	Net
100–114	Min. 74 mm (2.91 in.)	Net / plastic bag
115–135	Min. 85 mm (3.34 in.)	Net / plastic bag
136–156	Min. 95 mm (3.74 in.)	Net / plastic bag
156–163	Min. 115 mm (4.52 in.)	Net / plastic bag
164–184	Min. 125 mm (4.92 in.)	Net / plastic bag
185–194	Min. 141 mm (5.55 in.)	Net / plastic bag
195–205	Min. 158 mm (6.22 in.)	Net / plastic bag





# Laboratory solutions.

The continuous testing of the Nova Plastic Casing makes our customers confident to receive a plastic casing with the best quality and helps us to develop and improve the performance of our plastic casing to reach and fulfill the current market trends. We follow the ASTM standards because these have been developed to meet procedures and regulations worldwide. Some countries use the ASTM standards as a basis for their governor regulations, codes or laws.



## Friction coefficient test

The friction coefficient is related to the slip properties of plastic films, which are of great interest in packaging applications. Testing provides empirical data for control purposes in film production.



## Tear test (Elmendorf Test)

The tear resistance is important for plastic films because, due to orientation during their manufacture they frequently show a marked anisotropy in their resistance to tearing. This is further complicated by the fact that some films elongate greatly during tearing, even at relatively rapid rates of loading encountered in this test method. The degree of this elongation is dependent in turn on film orientation and the inherent mechanical properties of the polymer from which it's made.



## Film impact Test

The impact test is performed to determine the film resistance to impact-puncture penetration. It allows to know how the impact energy is absorbed by the specimen as it's being deformed under the impact load and how the specimen behaves after yielding.



## Tensile Strength force and Tensile strength at break

## WVTR and OTR test

All tests are performed in accordance with the ASTM standards. ASTM D3985-17 is used to determine the steady-state rate of transmission of oxygen gas through plastics in the form of film. ASTM E398-13 is used for dynamic evaluation of the rate of transmission of water vapor through a flexible barrier material.

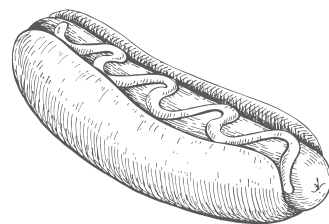
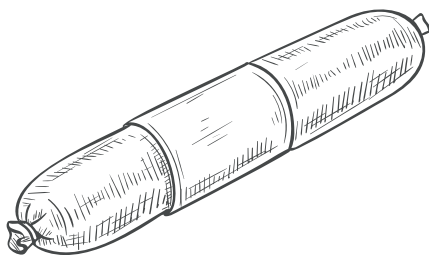
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*For barrier properties of high-barrier Nova plastic casings, refer to "Product offering"*





# PRODUCT PORTFOLIO.



## Fibrous Family

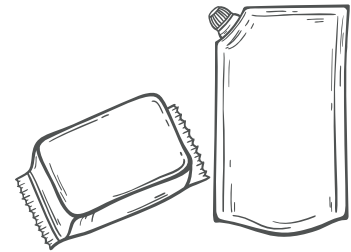
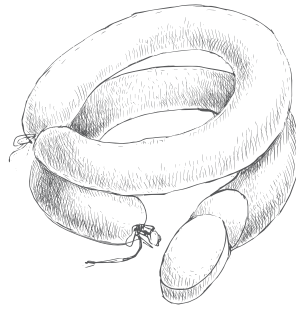
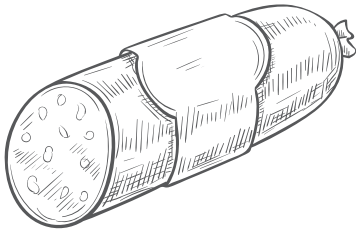
We're the world's leading manufacturer of fibrous casings, in terms of volume as well as variety. We offer the widest range of diameters, from the smallest to the largest casing diameter. Fibrous casings are used for a wide range of applications, such as pepperoni, salami, & lunch meats.

- **Fibrous Standard (ST)**
- **Fibrous MAX**
- **Fibrous Super Protect**
- **Fibrous Glide**
- **Fibrous Xtreme**
- **Fibrous XL**
- **Fibrous Brilliant**
- **Fibrous FLX**
- **Fibrous CRF**
- **Fibrous Preserve**

## Cellulose Family

Our cellulose product line is called Wienie-Pak. We're one of the big players in the cellulose-casing market as well. We offer our customers the most efficient cellulose casing available. Wienie-Pak is used for a wide range of applications, such as frankfurters, hot dogs, beer sausages, and mini-salamis.

- **Wienie-Pak Rapid Peel**
- **Wienie-Pak Colored Casing**
- **Wienie-Pak Window**
- **Wienie-Pak D-Tech**
- **Wienie-Pak Printed**
- **Wienie-Pak Logoprint**
- **Wienie-Pak Multicolor Printed**
- **Wienie-Pak Long-Shirred**



## ● Plastic Family

Our plastic product line is called Nova. The Nova casing is a combination of different types of high-performance plastic resins, which work together to provide a unique level of performance. Nova is used for a wide range of applications such as cooked hams, liver sausages, and pâtés.

- Core Series
- Shape Series
- Industrial & Automated Series
- True Series
- Permeable Series
- Mini Series
- Pet Series
- Eco Series

## ● Collagen Family

We supply collagen casings from the world's top producers. We offer both edible and non-edible collagen for the US and German markets. Collagen is a very strong and flexible casing that is widely used for a range of applications such as cooking, dry, and fresh sausages.

- Devro edible (Germany)
- Devro non-edible (Germany)
- Nippi edible (USA)
- Nippi non-edible (USA)
- Fibran non-edible (USA)

## ● Packaging Family

We're a full-line food packaging supplier to the meat and poultry processing industry. Our packaging materials and brands are today offered mainly in Germany, Canada, Mexico, the Nordics, and the U.S. Our packaging materials are used for a wide range of products such as pouches, shrink bags, and films.

- Ally Films
- Vivid Pouches
- Vista Gel
- Evolv Shrink Bags
- TNI Elastic Food Loops
- Covered Rubber Threads
- TNI Spring Pop Timers





[illegible]





# Principles and guiding values.

ViskoTeepak is committed to conduct its business with honesty and integrity, to follow the law and to make sure that each employee and business partner is treated respectfully. We have the highest level of certification in the casing industry and act responsible when it comes to quality, health, safety and the environment.



## Code of Conduct

The full text of our Code of Conduct is available in English on our website:  
[www.viskoteepak.com](http://www.viskoteepak.com)



## Sustainability Report

The full text of our Sustainability Report is available on our website:  
[www.viskoteepak.com](http://www.viskoteepak.com)

Certificates	Lommel	Hanko	Delfzijl	Brno	Nuevo Laredo	Kenosha	Poznan
GFSI recognized food safety certification	★	★	★	★	★	★	★
Quality: ISO 9001	★	★	★	★	★		
Environment: ISO 14001	★	★			★		
OHS: ISO 45001	★	★					
Kosher	★	★	★	★	★	★	★
Halal	★	★	★	★	★	★**	★
EU Food Contact Compliance: (EC) No. 1935/2004	★	★	★	★			★
U.S. Food Contact Compliance: C.F.R. 21 FDA 170-199*	★	★	★	★	★	★	
U.S. FDA Food Facility Registration	★	★	★	★		★	
Customs and trade: AEO status	★	★	★				

\*Applicable parts

\*\*For alginate casing



Always around

**Learn more at:**



[viskoteepak.com](http://viskoteepak.com)



[facebook.com/ViskoTeepak](https://facebook.com/ViskoTeepak)



[linkedin.com/company/viskoTeepak](https://linkedin.com/company/viskoTeepak)





Always around

Contact information for your local sales representative can be found at [www.viskoteepak.com](http://www.viskoteepak.com)

## Sales Executives

### Steve Van Zeeland

Vice President,  
Sales & Marketing  
+262 697 6502  
+262 818 1843

*Americas*

### Kay Harmel

Senior Sales Director  
EMEA/APAC  
+49 40 5400 030

*Europe*

## Product Managers

### Colin Neill

Product Manager,-  
Cellulose & Plastic  
Casings  
+262 697 6554  
+262-909-4830

*Americas*

### Piotr Flaczyk

Product Line Manager  
Packaging Materials  
and Nova Europe/  
Sales Director Poland  
+48 601 991 201

*Europe*

## Plants & Offices

### Czech Republic

Vlastimila Pecha  
1270/14  
627 00 Brno - Slatina  
+420 544 125 111

*Cellulose Casing  
Conversion Plant*

### The Netherlands

Rondeboslaan 18  
NL - 9936 BK Delfzijl  
+31 596 646 444

*Fibrous Casing  
Conversion Plant*

### Finland

Viskontie 38  
FI - 10900 Hanko  
+358 207 599 499

*Fibrous Casing Production  
Plant*

### United States

1126 88th place  
Kenosha, WI  
53143  
+1 800-558-4058

*Fibrous Casing  
Conversion Plant*

### Belgium

Maatheide 81  
BE-3920 Lommel  
+32 11 550 711

*Fibrous and Cellulose  
Casing Production Plant*

### Mexico

Galeria 8 Parque  
Industrial América  
Nuevo Laredo, 88277  
Tamaulipas  
+52 867 718 2818

*Plastic Casing Production  
and Conversion Plant*

### Poland

Baranowo, ul.  
Rzemieślnicza 79  
62-081 Przeźmierowo  
+48 61 823 82 91

*Fibrous Casing  
Conversion Plant*

### Germany

Ottensener Straße 14  
22525 Hamburg  
+49 40 5400 030

*Sales Office*

## Head Office

### Finland

Torggatan 6  
FI-22100 Mariehamn  
+358 18 526 708