



We are redefining the future of rubber and plastics technology with innovations! August 2024

*YOUR SUPPLY PARTNER*



**Industrial**  
*RUBBER*

Design, Production, Service

SIT 125

**ALL SORTS AND  
QUALITIES.**

SIT 125

**Solutions.**

SIT 125

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# HISTORY

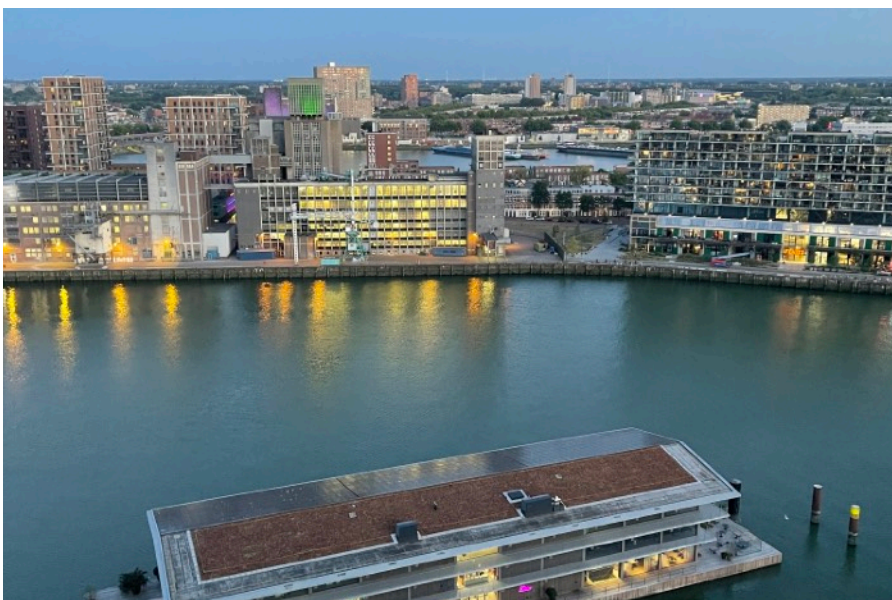
## HOW DID WE START?

### About Us

Founded in 2008, Technoah Bv has been at the forefront of innovation in the rubber and plastics industry. With a commitment to developing, producing, and selling cutting-edge products, we empower businesses to meet their challenges with reliable solutions. Our expertise lies in creating high-quality materials tailored to the specific needs of various industries, ensuring both performance and sustainability.

As we continue to evolve, our focus remains on innovation, quality, and customer satisfaction, making us a trusted choice in the world of rubber

*Driven by a passion for excellence, our dedicated team combines industry knowledge with advanced technology*



ROTTERDAM

As we continue to evolve, our focus remains on innovation, quality, and customer satisfaction, making us a trusted choice in the world of rubber and plastics. Join us as we shape the future of industrial solutions!

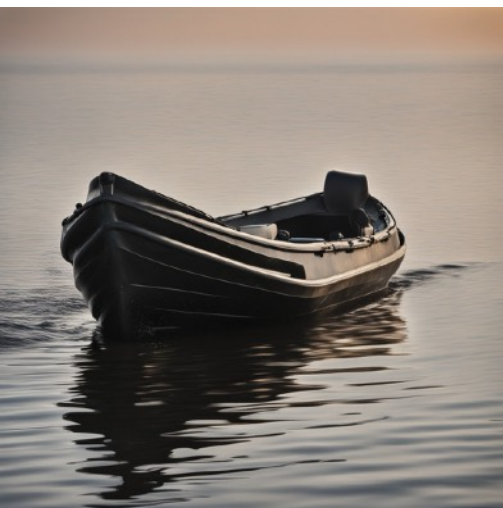
*"At Technoah, we believe that innovation is not just about creating new products; it's about transforming industries and building a sustainable future. Together, we pave the way for progress." — Danny Coert, CEO*

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# Product range

Possibilities are almost endless, send your inquiry to [info@technoah.nl](mailto:info@technoah.nl)



*Rubber fenders and rubber profiles*



*Pressed Rubber Technical Products*



*Star couplings*

OUR PRODUCTION PARTNER IS POWERED BY HIGH-CAPACITY INJECTION MOLDING MACHINES, OFFERING CLOSING FORCES OF 250, 400, AND 500 TONS. FOR PARTICULARLY LARGE ITEMS, WE UTILIZE CONVENTIONAL

Rubber Fenders and rubber profiles are versatile components designed to provide cushioning, protection, and noise reduction across a wide range of applications. They are available in various dimensions, making them suitable for multiple uses in different industries, from automotive to industrial machinery.

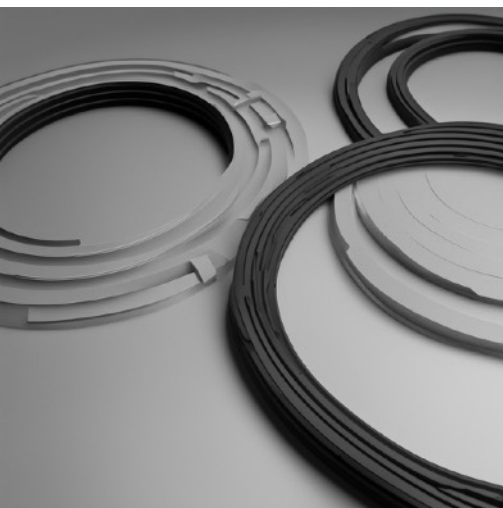
Crafted from high-quality rubber compounds, these bumpers exhibit excellent durability and flexibility, enabling them to absorb shocks and impacts effectively. This characteristic is essential in applications where equipment or structure contacts other surfaces, minimizing damage and wear over time.

Pressed Rubber crafted using advanced injection and conventional presses, our rubber-reinforced membranes benefit from precision molds sourced from our in-house toolbox. This ensures that every product meets stringent quality standards. The manufacturing process allows for the creation of large dimensions, accommodating sizes up to an impressive 1800 x 1500 mm.

Star couplings are specialized mechanical components designed to provide flexibility, durability, and efficient power transmission in various applications. They are particularly effective in connecting two shafts while allowing for some degree of misalignment, making them ideal for dynamic environments where precise alignment may be difficult to maintain.

# Product range

Possibilities are almost endless, send your inquiry to [info@technoah.nl](mailto:info@technoah.nl)



*Sealing elements*



*Sheet rubber*



*Elastic couplings*

RUBBER MOULDED  
PRODUCTS ARE  
ESSENTIAL  
COMPONENTS IN  
VARIOUS INDUSTRIES,  
KNOWN FOR THEIR  
FLEXIBILITY,  
DURABILITY, AND  
RESISTANCE TO WEAR  
AND TEAR.

Sealing elements are essential components that are meticulously engineered to provide effective noise and vibration reduction in various applications. These elements are crucial in connecting, supporting, and transporting different parts within machinery and systems, creating a seamless interface between components.

Sheet rubber is available in various qualities and hardness levels, making it suitable for a wide range of applications. Here are some key aspects:

1. Common types of sheet rubber include Natural Rubber, Neoprene, EPDM, Nitrile, and Silicone. Each type has unique properties that determine its suitability for different environments and uses.
2. **\*\*Hardness Ratings\*\***: The hardness of rubber sheets is measured using the Shore durometer scale, typically ranging from 20A (very soft) to 90A (hard). Softer rubbers offer better flexibility and impact absorption, while harder rubbers provide enhanced durability and resistance to wear.

**Chemical Resistance\*\***: Some rubber types, like Nitrile, are highly resistant to oils and chemicals, making them ideal for industrial applications. Conversely, Neoprene offers good weather resistance, making it suitable for outdoor use.

Elastic couplings are precision-engineered components designed to connect two shafts in mechanical systems while accommodating misalignments and providing reliable and flexible performance. These couplings are vital in various industries,



# Product range

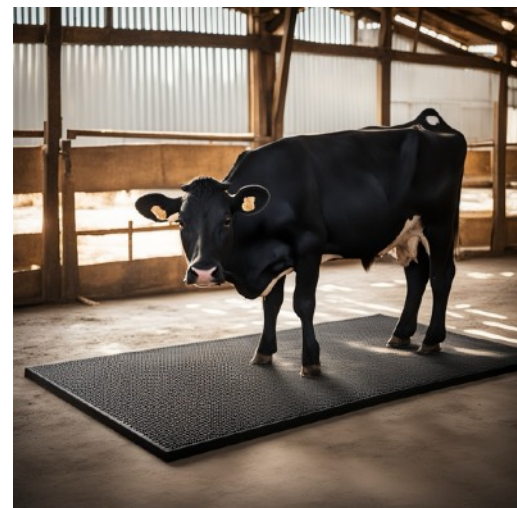
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*Vacuum pumps parts*



*Rubber transport belts*



*Cow mats*

RUBBER IS A  
VERSATILE MATERIAL  
KNOWN FOR ITS  
ELASTICITY,  
DURABILITY, WATER-  
RESISTANCE, AND  
INSULATING  
PROPERTIES. IT IS  
USED IN A WIDE  
RANGE OF PRODUCTS

Vacuum pumps are devices that remove air and other gases from a sealed space, creating a vacuum. Sheet rubber is available in various qualities and hardness levels, making it suitable for a wide range of applications. Here are some key aspects:

Rubber transport belts, commonly used in various industries, are essential for moving materials efficiently. Made from durable rubber, these belts are designed to handle heavy loads and withstand harsh working conditions, including extreme temperatures and exposure to chemicals.

Rubber cow mats are resilient, durable mats made from rubber, primarily used in dairy farms and barns. These mats provide a comfortable, non-slip surface for cows, promoting better hygiene and preventing injuries.

They help reduce the risk of joint and leg problems by cushioning cows' feet and improving overall comfort. Additionally, rubber cow mats are easy to clean and maintain, while also absorbing sound, which can create a quieter environment for the animals. Using these mats can enhance the health and productivity of dairy cows, contributing to improved milk production and overall farm efficiency.

# RUBBER RANGE OF QUALITIES

## 01 *SBR rubber*

SBR rubber, or Styrene-Butadiene Rubber, is a synthetic rubber commonly used in various applications due to its durability, flexibility, and resistance to wear. It's often found in tires, footwear, adhesives, and sealants. SBR exhibits good aging stability and resistance to abrasion, making it suitable for automotive and industrial products.

## 02 *EPDM rubber*

EPDM rubber, or Ethylene Propylene Diene Monomer, is a type of synthetic rubber known for its excellent weather resistance, heat resistance, and electrical insulating properties. It's commonly used in automotive parts, roofing membranes, seals, and gaskets due to its durability and flexibility. EPDM is also resistant to ozone, UV light, and temperature extremes, making it ideal for outdoor applications.

## 03 *NBR rubber*

NBR rubber, or Nitrile Butadiene Rubber, is a synthetic rubber known for its excellent resistance to oils, fuels, and chemicals. It is widely used in industries like automotive, aerospace, and oil and gas due to its durability and flexibility. NBR is also resistant to abrasion, making it suitable for seals, gaskets, hoses, and various molded products. Its temperature range typically spans from -40°C to 108°C (-40°F to 226°F).

## 04 *PU rubber*

PU rubber, or Polyurethane rubber, is a versatile material known for its excellent elasticity, wear resistance, and durability. It combines the best properties of rubber and plastic, making it ideal for a wide range of applications. PU rubber is used in products like wheels, seals, gaskets, and various industrial components. It's also available in different hardness levels, allowing for flexibility in design.

## 05 *Silicone Rubber*

Silicone rubber is a synthetic material made from silicon, oxygen, carbon, and hydrogen. It is well-regarded for its unique properties, making it suitable for a variety of applications. Here are some key features and uses of silicone rubber:

Properties:

1. **High-Temperature Resistance**

## 06 *Fluoroelastomer*

Fluoroelastomers (FKM) are a type of synthetic rubber known for their exceptional chemical resistance, heat stability, and durability. Here are some key characteristics, benefits, and applications of fluoroelastomers:

Properties:

1. **Chemical Resistance**: FKM is highly resistant to a wide range of chemicals, including oils, fuels,

## 07 *Butyl Rubber*

Butyl rubber, also known as isobutylene-isoprene rubber (IIR), is a synthetic rubber with unique properties that make it suitable for a wide range of applications. Here are the essential characteristics, benefits, and uses of butyl rubber:

Properties:

1. **Air Tightness**: Butyl rubber is particularly known for its excellent air retention properties, making it ideal

## 08 *TPE Thermoplastic*

Thermoplastic elastomers (TPE) are a class of materials that combine the properties of rubber with the processing advantages of thermoplastics. They offer versatility in applications due to their unique characteristics. Here's an overview of TPE rubber:

### Properties:

1. **Elasticity**: TPEs exhibit excellent elasticity,

# OVERALL PROGRAMM RUBBER PRODUCTS

## POSSIBILITIES AND CERTIFICATES

### Pressed Rubber Technical Products

- Crafted using injection or traditional pressing methods, utilizing our proprietary tool designs.
- Capable of producing large-scale pressed products measuring up to 1800 × 1500 mm.

### Sealing Components

- Designed to minimize noise and vibration.
- Serve as connecting, supporting, and transporting elements.
- Include rubber bumpers of various sizes.
- Feature elastic and star couplings.
- Come with accordion-style protective cuffs.
- Include rubber-reinforced membranes.
- Used in rubber vacuum pumps and flow pump impellers, among others.

### Conveyor Systems and Drive Belts

- Integral to diverse economic sectors, including:
  - Quarries, gravel extraction sites, cement production facilities, mining operations, and sawmills.
  - Agriculture, including mills and silos.
  - Food processing, confectionery, wood, paper, and additional industries.

Technoah offers a mobile repair team that assembles belts on-site at user locations.

### Rubber Coating for Metal Components

- Suitable for rollers used in transport or drive applications.
- Manufactured from either natural or synthetic materials, offering resistance to grease, harsh chemicals, and moisture.
- Can restore the rubber layer multiple times.
- Rubber compounds can be tailored to suit specific mediums, such as acids and alkalis.
- Includes rubber piping and valve bodies, as well as rubber lining for pools, plating tanks, and separators.

in various industries, including transport equipment and mechanical engineering,

### Gasket and Seal Jet Flat Seals

- Cutting thickness capabilities of up to 150 mm.
- Utilizes a specialized water jet cutting technique with pressures reaching 4,000 bar.
- Electronic preparation allows for direct download of seal shapes and dimensions from design files in \* .DWG and \* .DXF formats or from samples.
- Offers a diverse selection of materials, shapes, and sizes, with temperature resistance ranging from -200 °C to +600 °C.
- Provides seals suitable for hydraulics and pneumatics in various industries, including transport equipment and mechanical engineering, compatible with all types of media, pressures, and temperatures.
- Features a selection of 150 profiles, ensuring quick production and delivery tailored to customer specifications.

### Polyurethane Products

- Polyurethane serves as a high-quality elastomeric alternative to rubber.
- Provides seals suitable for hydraulics and pneumatics in various industries, including transport equipment and mechanical engineering, compatible with all types of media, pressures, and temperatures.
- Features a selection of 150 profiles, ensuring quick production and delivery tailored to customer specifications.

### Polyurethane Products

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The production Partners from Technoah BV maintain several essential ISO standards that ensure high quality and sustainability in their operations.

ISO 9001 enhances customer satisfaction by ensuring an efficient quality management system that meets requirements. ISO 14001 emphasizes systematic environmental management, helping to lessen negative impacts on the planet. ISO 50001 focuses on optimizing energy efficiency, which leads to reduced energy consumption and greenhouse gas emissions.



# RUBBERIZING METAL PARTS

Technoah BV: Rubberizing Solutions

**\*\*Dimensions and Shapes:**

- **\*\*Large Autoclave:\*\*** Accommodates lengths up to 6 meters and diameters up to 3 meters.
- **\*\*Small Autoclave:\*\*** Supports lengths up to 3 meters and diameters up to 1.5 meters.
- 

**Materials:**

- **\*\*EBONIT:\*\*** Hard rubber (70 Shore D), known for its exceptional chemical resistance.
- **\*\*CLIIR:\*\*** Chlorobutyl rubber (45 Shore A), offers lower chemical resistance and is vulcanized.
- **\*\*NR - SBR:\*\*** Enhanced abrasion-resistant rubber, derived from tire materials.

These materials effectively protect rubberized elements from the corrosive and abrasive effects of the contained media.

**Technological Processing:\*\***

1. Surface preparation of the rubber container.
2. Preparation and application of the rubber compound.
3. Vulcanization using steam and hot water.
4. Finishing touches.
5. Leakage testing and control using the electro-induction method.

Technoah BV is committed to providing high-quality rubberizing solutions to meet diverse industrial needs.

**CNC cutting service:**

1. **\*\*CNC Turning\*\***

- Lathe on driven tools and additional C-axes
- Okuma GENOS - L300E-M
- Turning diameter Ø500 (up to track) and length 1140 mm

2. **\*\*CNC Milling\*\***

- Vertical machining centers
- Okuma GENOS-M560 R-V
- Table dimensions xyz = 1050 x 560 x 460
- Okuma MILLAC 852V II
- Table dimensions xyz = 2200 x 850 x 750

3. **\*\*Erosion\*\***

- Submerged erosion
- Sodick AG80L
- Table dimensions 1100 x 700

4. **\*\*Planned Grinding\*\***

- Grinders
- Table dimensions: 920 x 450 and 1600 x 760 mm

5. **\*\*Construction and Mold Making Service\*\***

- Classic and injection molding of rubber-technical products

6. **\*\*Dynamic and Static Analysis\*\***

- Linear and nonlinear area

# REASONS WHY?

## Technoah BV: Rubberizing Solutions

Here is the complete list of unique selling points (USPs) for why customers should do business with Technoah BV:

1. **Cutting-edge Technology:** Technoah BV offers state-of-the-art technological solutions tailored to meet your business needs.
2. **Exceptional Customer Service:** Dedicated customer support team ensures prompt assistance and satisfaction.
3. **Customized Solutions:** Technoah BV provides tailored solutions to fit your specific requirements for enhanced efficiency.
4. **Industry Expertise:** Benefit from Technoah BV's deep industry knowledge and experience for successful outcomes.
5. **Competitive Pricing:** Get top-quality products and services at competitive prices, maximizing the value for your investment.
6. **Swift Implementation:** Technoah BV prioritizes speed in implementing solutions, ensuring quick results and minimal downtime for your business.

## FAQ

Of course! Here's a list of questions to consider for creating an FAQ for Technoah BV:

1. **Company Overview\*\*:** What does Technoah BV do? developing, producing, and selling cutting-edge rubber and plastic products, we empower businesses to meet their challenges with reliable solutions. Our expertise lies in creating high-quality materials tailored to the specific needs of various industries, ensuring both performance and sustainability.
2. **Products/Services\*:** What are the main products or services offered? Custom made rubber and plastic products, CNC moulding products.
3. **How to send an inquiry**
4. **Support** What kind of customer support is available? Prompt assistance, product knowledge, problem solving, friendly communication.
5. **Shipping/Delivery:** What are the shipping/delivery options?
  1. **Standard Shipping:** Cost-effective shipping option with standard delivery times.
  2. **Express Shipping:** Expedited shipping for urgent orders with faster delivery times.
  3. **International Shipping:** Global shipping services to reach customers worldwide.
  4. **Track & Trace:** Track your shipment in real-time to monitor its delivery status.
  5. **Customized Shipping Solutions:** Tailored shipping solutions to meet your specific requirements.
6. **\*\*Returns/Exchanges\*\*:** What is the return policy? Custom made products can not be returned
7. **\*\*Warranty\*\*:** Do any products come with a warranty? If so, what are the terms? 1 year or when agreed in another way.
8. **\*\*Technical Support\*\*:** Is there tech support available for products? Yes of course

# Customer type

Possibilities are almost endless, send your inquiry to [info@technoah.nl](mailto:info@technoah.nl)



*Automotive*



*Shipyard builders*



*Construction industry*



*Manufacturing*



*Safety flooring for  
Playgrounds*



*Agriculture*





## CONTACT DETAILS



### *CONTACT DETAILS:*

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