

# Technical Components

**HANNECARD**

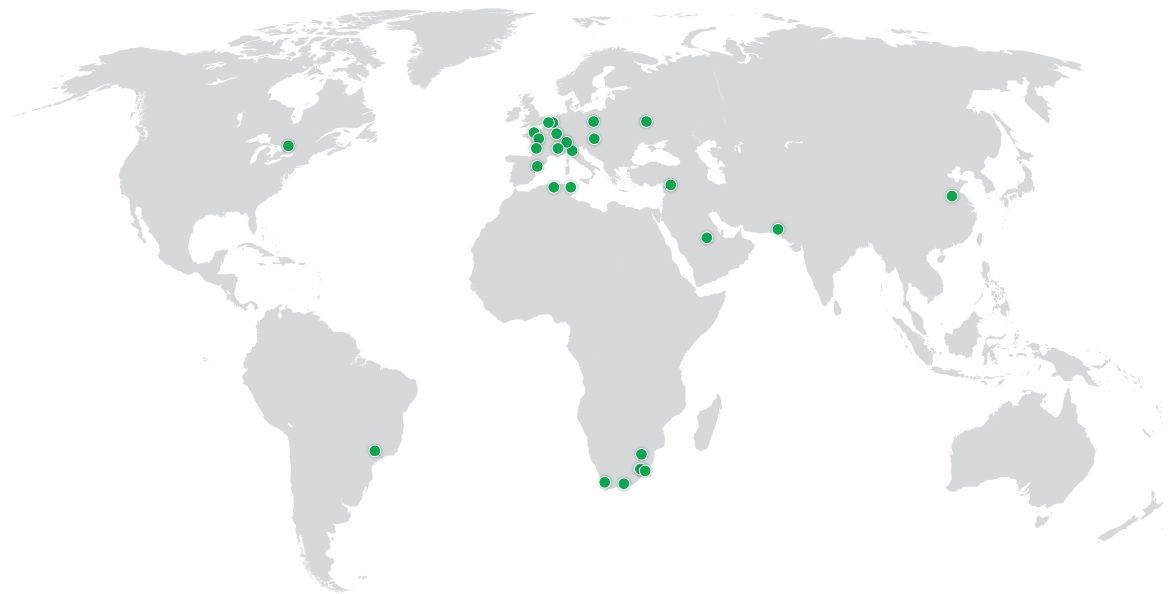
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## *Passion For **Performance.***

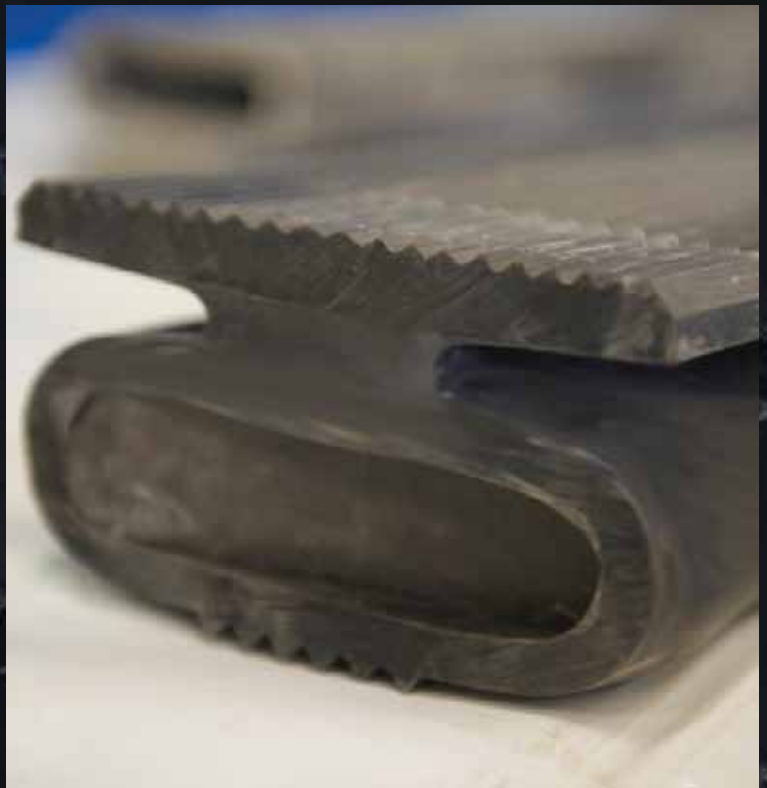
Hannecard has grown into an internationally leading company in the field of elastomer technology. A reputation that we thank to the high quality standards of our products as well as to a far-reaching flexibility towards our customers.

Over the years Hannecard group has established a strong specialisation in the field of extruded profiles and technical moulded articles. Our expertise in the hand fabrication and moulding of rubber and polyurethane items enables us to supply technical parts to many industries.



Discover *our Possibilities.*

- *Rubber moulding*
- *Rubber extrusion*
- *Rubber confection*
- *Polyurethane casting*





## **Our *Production Capacities.***

### ***Our moulding capacities in rubber :***

- 2,000 x 1,000 mm – 2200 tons
- Moulding by compression and compression/transfer

### ***Our extrusion capacities :***

- 350 x 180 mm cross cut dimensions
- 35,000 mm straight length
- < 33 kg/linear meter

### ***Our moulding capacities in polyurethane :***

- 2,000 x 2,000 mm x 8,000 mm

### ***Hardness :***

- 10 shore A to 99 shore A
- 70 shore D



*What We can do for **You**.*

*Contact us in case of a specific need and we will come up with a solution !*

- According to **your** plans
- According to **your** specifications
- **Joint** development
- **Tailor-made** solutions
- Combination of **different technologies** possible : moulding, extrusion, assembly ...
- Various types of **inserts** possible
- **Traceability**
- Specific: tooling, material ...



## *Domains of **Activity.***

Chemical

Energy

Food

Heavy industries

Marine

Mining & Extraction

Naval

Nuclear plants and Military

Oil & Gas

Paper mills

Railway

Seals

Special machinery

Steel and Metal

Water treatment

# Some *realisations* for OEM and Engineering companies

## ***Extruded parts according to plan***

Extrusion according to customers plans.

- Integrated tooling workshop
- The dimensions of the extruded parts must be between **350 x 180 mm** and can be up to **35,000 mm** in straight length
- Extruded hardness from 20 to 90 Shore A
- In all types of rubber



## ***Marine or river sealing gaskets***

Extruded parts for the dry-docking of ships and the closure of locks. Made out of rubber specifically developed for :

- Resistance to seawater
- Ozone resistance
- Hydrocarbon resistance
- Elastic properties and mechanical resistance
- < 33 kg/linear meter, maximum straight length **35,000 mm**



## ***Tubes for volumetric pumps***

- Extruded parts for volumetric pumps
- Made out of different rubbers , each chosen for their chemical atmosphere
- Technically, these profiles are getting crushed during each operating cycle and must return to their original shape





## ***Gaskets for chlorine cells***

Very low hardness, extruded rubber parts, developed to :

- Resistant to chlorinated products
- Resistant to ozone
- With excellent resilience

## ***Inflatable seals***

- Extruded parts with excellent mechanical resistance, sealing and heat resistance up to 130°C
- According to plan, consisting of different materials to meet all the technical requirements
- All sizes up to **350 x 180mm** and **35,000 mm** straight length



## ***Dock Fenders***

Extruded or handmade fenders resistant to marine environments, ozone, hydrocarbons and bad weather.

- The goal is to protect the hulls of ships when in contact with the docks
- Available in all sizes (Ø greater than **2,000 mm**), available with fixing chains and accessories

## ***Pump membranes***

- Moulded parts with metal insert and Kevlar® reinforcement for membrane pumps
- Made of different materials chosen for their chemical resistance
- Produced in various sizes



## ***Insulation rings***

Pieces moulded with technical textile reinforcements developed for acoustic and vibration insulation :

- Temperature resistant up to 250°C
- Emits no toxic fumes when burning
- Vibration absorber
- Ø **20 to 400mm**



## ***Curvature limiter***

- Set of 2 moulded male / female pieces with titanium insert used to connect submarine cables
- The rubber used is resistant to the marine environment, underwater pressure (cables are used at a depth of over 9,000 m) and should be repulsing to avoid agglomeration of molluscs and other organisms
- Dimensions ≈ Ø **180 mm x 800 mm** height

## ***Protective bellows and connecting sleeves***

Moulded parts according to plan for the protection of transmissions such as gearboxes, drive shafts... Made out of rubber :

- Temperature resistant up to 250°C
- Does not emit toxic fumes
- Ø **120 to 600 mm**



## ***Protective cover***



Moulded for the protection of rolling railway rolling material axes.  
Made of a specially developed rubber :

- Resistance to ozone and weathering
- Resistance to lubricating oils
- Sealing

## ***Expansion joint for high-performance valves***

Rubber moulded parts according to plan, developed for :

- Optimal bending and shear strength
- Chemical resistance
- Temperature resistance



## ***Compensator in shock absorber***



- Assembly of 8 moulded and extruded parts
- Compensates the oil volume in dampers
- Made out of multi-layered rubber ensuring oil resistance at one side and air sealing on the inside
- Available in different sizes
- Oil and airtight -30°C - 130°C



## ***Composite belts***

- Inner layer 70 shore
- Outer layer 45 shore
- Reinforcement with technical textile



## ***Sand dosing parts for foundry***

- High resistance, soft rubber
- With a steel clamp
- 5 sizes available



## ***Moulded Polyurethane components***

According to customer's drawings and specifications.

- High dimensional accuracy
- High hardness accuracy
- Metal inserts possible
- Hardness : 15 to 98 shore A



## ***High precision and safety polyurethane parts***

- Commitment on results
- High mechanical and abrasion resistance
- With inserts, seals or other assembly
- From small to larger volume production





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