catalogue

PRODUCTION OF MOULDED RUBBER GOODS
PRESSMOULDS
METAL PRODUCTION
Fornax, spol. s r.o.
production of moulded rubber goods

is the top processor of batch and mid-range production to order. Our main advantage is a quick completion of orders. The production of moulded goods includes classical pressing of rubber, manual bandage of cylinders, fittings, vessels, belts and atypical wheels. Rubber factory has its own workshop - metal production, pressings and a subsidairy enterprise of mechanical and locksmith's products. This catalogue presents only minimal specification out of many products exceeding 10,000 kinds. When requesting some products, it is necessary to take into account the specification dimensions. The demand must contain either drawing or the sample of required part.

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+420 603 885 368
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RUBBER SPRINGS - SILENTBLOCKS

CONICAL SPRINGS
catalogue identification: 1001

Charakteristics:
◆ little stiffness in all directions

Use:
◆ elastic bearing of devices with low frequency

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<th>Specification dimension</th>
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COMBINED SPRINGS
catalogue identification: 1002

Charakteristics:
◆ the same stiffness in all directions

Use:
◆ elastic bearing of devices with mid-frequency

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RUBBER SPRINGS - SILENT BLOCKS

CYLINDER SPRINGS

catalogue identification: 1003
Charakteristics:
◆ different stiffness in two directions, lower slip stiffness, higher pressure stiffness
Use:
◆ common cases of elastic bearing of devices with medium frequency

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PRISM SPRINGS

catalogue identification: 1004
Charakteristics:
◆ increasing stiffness in two directions, reducing stiffness for slip
Use:
◆ elastic bearing of devices with medium frequency, trapping of lateral force

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<th>Specification dimension</th>
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RUBBER SPRINGS - SILENTBLOCKS

ANGLE SPRINGS

**Characteristics:**
- little slip stiffness, increased pressure stiffness

**Use:**
- elastic bearing of devices with low frequency

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![Diagram](image)

catalogue identification: 1005

DISK SPRINGS

**Characteristics:**
- great stiffness in all directions, stiffness decreases by series connection of springs

**Use:**
- bearing of heavy machinery and foundations, spring of resonant coal classifier

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![Diagram](image)

catalogue identification: 1006
RUBBER SPRINGS - SILENT BLOCKS

PLATE SPRINGS

catalogue identification: 1007

Characteristics:
- little stiffness in all directions

Use:
- elastic bearing of sensitive, responsive devices and machinery

RUBBER CUSHION SPRINGS

catalogue identification: 1008

Characteristics:
- high radial stiffness, little axial and torsional stiffness

Use:
- elastic insert for joints, draw bars, suspensions, laminated springs, clutches ...

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RUBBER SPRINGS - SILENT BLOCKS

BUMPER SPRINGS

Characteristics:
◆ progressive suspension

Use:
◆ limited device deflection, elastic bearing of devices with little horizontal forces - bases of devices and machinery

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<th>Specification dimension</th>
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SPARE PARTS FOR WASHING MACHINES AND SQUEESING MACHINES

catalogue identification: 2010

◆ silentblock little
◆ silentblock big
◆ connecting hose - union elbow
◆ sealing of catch pit
ANTIVIBRATING ELEMENTS

SILENCERS

catalogue identification: 2011

◆ absorbers of devices and machinery

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RUBBER SILENCERS

catalogue identification: 2012

◆ rubber silencers for chairs, ladders, terminals, shelves and pipe-constructions
HARDY DISKS

- elastic elements for transfer of turning force, e.g. for OKAY machines for ice-ironing

Necessary details for specifications:
- with steel articles
- with textile lining
- only rubber

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<tr>
<th>Specification dimension</th>
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<th>Rk</th>
<th>Vd</th>
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</table>

PUMP ROTORS

- rubberizing parts - pump rotors
RUBBER COATS OF WIPERS AND BARS

WIPERS

- rubberizing wiper segments for NC machines

catalogue identification: 2015

BARS - END TOPS

- oil-resistant tops for NC machines

catalogue identification: 2016
RUBBERIZING COMBS

COMBS - STEERING WHEEL
catalogue identification: 2017

- rubberizing combs for containers for steering wheels, or for other car parts

PALLETTS FOR TRANSFER OF STEERING WHEELS
catalogue identification: 2018

- complete production of transport containers for steering whelles, or for other car parts
RUBBER SEGMENTS, TURNING PRODUCTS, CARRIERS

SEGMENTS
catalogue identification: 2019

◆ production of rubber segments, turning parts according to the customers needs

CARRIERS - TRANSPORT ELEMENTS
catalogue identification: 2020

◆ rubber and rubber-textile elements of transport systems (agriculture, wood production, machinery and food industry)
MEMBRANES, SUCTIONS

MEMBRANES

- rubber or rubber-textile membranes according to the customers needs

Suctions

- rubber suctions for manipulation technique

catalogues identification:
- MEMBRANES: 2021
- SUCTIONS: 2022
RUBBER BUSHINGS AND HEAD-BLINDS

BUSHINGS

catalogue identification: 2023

◆ rubber bushings for cables, pipe-systems etc.

BLIND-HEADS

catalogue identification: 2024

◆ rubber head-blinds for profile-ends, protection of tapped holes etc.
RUBBER COVERS, TOPS

COVERS OF BEARINGS
◆ oil-resistant covers of bearings

catalogue identification: 2025

TOPS
◆ rubber tops for pots taper stoppers

catalogue identification: 2026
RUBBER PRESSINGS

RUBBER PUCS

catalogue identification: 2027

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<th>Specification dimension</th>
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RINGS

catalogue identification: 2028

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RUBBER HOSES AND FLANGES

HOSES

catalogue identification: 2029

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<th>rubber quality</th>
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FLANGE MOUNTED HOSES, JETS

catalogue identification: 2030

- necessary drawing of the product or required sample
RUBBERIZING ROLLS BY PRESSING

ROLLS - PRESSING

catalogue identification: 2031

- transport rolls for mining transporters and machinery in wood-processing, textile, food and graphic industry

STEMMER ROLLS FOR GRAPES

- rubberized rolls designed for grinding grapes and fruit

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<tr>
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<th>D rubber</th>
<th>d metal</th>
<th>l metal</th>
<th>l rubber</th>
<th>rubber quality</th>
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FORNAX, spol. s r.o.
**RUBBER ROLLS**

### RUBBER ROLLS

catalogue identification: 2033

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**ROLLS - BANDAGE**

catalogue identification: 2034

- rubberizing rolls and drums (transporting, spreading, pressured)
TREAD ROLLS

catalogue identification: 2035

◆ production of tread rolls on the basis of sketchings of the customer

PRESSED WHEELS

catalogue identification: 2036

◆ pressing rubber wheels and rubberizing metal cores
◆ rubberizing wheels SKF

The alternative is pressing wheels with ebonite center substituting metal core (rolling wheels, handling trucks, tail wheels for soaring glider)
WHEELS BANDAGE, BAND SAW WHEELS

WHEELS - BANDAGE
catalogue identification: 2037

◆ renovation, rubberizing wheels by hand-bandage - suitable only for less weight of wheels and for piece-orders

BAND SAW WHEELS
catalogue identification: 2038

◆ renovation, rubberizing moving wheels of band saws
COACH WHEELS

- renovation, rubberizing coach wheels and racing traps, pressing coach wheels tread (Exnar)

FEEDERS

- renovation rubberizing feeders for wood-processing industry, rubberizing sine wheels big and small as well metall coverings
RUBBER DISKS, RUBBERIZED BALLS

RUBBER DISKS

◆ rubber disks for sugar, oil and agriculture industries

catalogue identification: 2041

RUBBERIZED BALLS

◆ rubberizing balls of pumps, pressing rubber balls for vibrating sieves

catalogue identification: 2042

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SMALL MINIGOLF BALLS

- catalogue identification: 2043
- pressing and grinding small minigolf balls differentiated by colour, hardness and rebounding

SHAPED PRODUCTS

- catalogue identification: 2044
- oil-resistant bin separator
FORNAX, spol. s r.o.

RUBBER STARS, COMBS, FORKS

**STARS**

- rubber stars for agriculture machinery

**COMBS, FORKS**

- rubberizes parts of electrician lines
RUBBER MAT AND DIES

MAT DECOR

catalogue identification: 2047

◆ rubber mats with treads according to the customers specification

DIES

catalogue identification: 2048

◆ renovation, rubberizing dies for concrete industry
SPARE PARTS

◆ production of rubber-bonded metal mounts (silent-blocks) according to the customers specification

SPARE PARTS FOR VINTAGE CARS

catalogue identification: 2050

◆ production according to the customers specification
rubber profiles according to the customers specification, pressed in continuous forms and lengths, max to 5 m

square section

rectangular section

rectangular section with contracting

border section

semicircle section

circle section
MANHOLES

MANHOLES, RUBBER PACKING

- rubber packing of manholes for food vessels

catalogue identification: 2052
RUBBER HANDLES, LAMELLA SEGMENTS, WORK-HOLDING FIXTURES

RUBBER HANDLES

catalogue identification: 2053

◆ rubber handles, connecting sleeves according to the customers specification

LAMELLA SEGMENTS

catalogue identification: 2054

◆ production flexible elements for lamells for beds and connecting sleeves
ZETOR SPARE PARTS

catalogue identification: 2055

- seat membrane
- big cabin
- small cabin stopper
- hinge ring
- stopper-door socket
- balancer
- sealing agent under glass
- profile ring
SPARE PARTS FOR MULTICAR

catalogue identification: 2056

- silentblock H – 9 – 11
- silentblock F2 – 25
- silentblock FA1 – 30
- bush L1 – 3
- silentblock V3 – 12
- spring bush L1 – 19.1
SPARE PARTS FOR AVIA AND LIAZ

AVIA SPARE PARTS

- mud-flap for Avia
- three-hole stopper
- two-hole stopper
- bush
- door balancer
- protective screen

catalogue identification: 2057

LIAZ SPARE PARTS

- three-spot pulley-renovation
- two-spot pulley-renovation
- centric fit-renovation

catalogue identification: 2058
SPLASH - GUARDS FOR RENAULT, TYRES FOR DUMBBELLS

SPLASH - GUARDS

- catalogue identification: 2059
- production of rubber splash-guards for car industry
- possibility of two-phase pressing (black base, white inscription)

TYRES FOR DUMBBELLS

- catalogue identification: 2060
- production of rubber tyres for dumbbells
RUBBER FINGER-SHAPED BOARDS AND BELTS

FINGER-SHAPED BOARDS

catalogue identification: 2061

◆ pressing rubber - shaped boards for different types of belts designed for agriculture harvesters

FINGER-SHAPED BELTS

catalogue identification: 2062

◆ production of finger-shaped belts of agriculture machinery for sorting machines, potato-harvesters etc.
RUBBERIZING - BANDAGE OF FITTINGS AND BELTS

BANDAGE OF FITTINGS

catalogue identification: 2063

◆ manual rubberizing of fittings, pickling vats, tumbling drums, feed-hoppers ...

BANDAGE OF BELTS

catalogue identification: 2064

◆ production of rubber and rubber-textile belts for smaller conveyers, balance weighing machines for sugar industry (machines Bates)
SILICON PRODUCTS

◆ pressed silicon products according to the customers specification

PUR PARTS

◆ pressing, sheathing of metal cores by PUR mixtures according to the customers specification (necessary form for pressing)

◆ sheathing of cores and production of parts by cast material PUR - Monothane hardness from 20 to 100 ShA, which is characterized by a compact non-bubble structure (necessary casting form)
production of rubber test dummies designed for testing seat belts. Its preference is high-durability and possibility of centre of gravity of the test dummy. The development and production of the test dummy has been awarded at the International exhibition in Púchov (Slovakia) in 1994 by Zlatá Interguma.
CONSTRUCTION AND PRODUCTION OF FORMS

METAL-PRODUCTION

rubber factory has its own tool works, there are produced pressing forms for moulded rubber goods and at the same time, the service of produced forms is provided. We are able to suggest solutions of the form including its realisation on the basis of drawing of the product or a sample piece.

forms for bigger ranges, e.g. we can do thermal treatments of challenging shaped-moulds or we do final surface finish for increasing durability and improving surface quality. Common delivery time of moulds are approx. three weeks from the order.
production of metal moulds on the basis of a concrete customers specification determined for supplementary rubber sheathing. Typical examples are semi-manufactured products of silentblocks, metal cores of roller beds …

metal cores are always blasted before rubberizing and according to the customers wish fitted by metals or surface finish (ZnCr, …)

grinding rubberized cylinders, grinding rubberized coach wheels and moving wheels of band saws
USED MATERIALS FOR RUBBERIZING

USED MIXTURES

◆ used rubber mixtures, with hardness from 30 to 100 ShA, on the basis:
  - NR
  - NBR
  - SBR
  - EPDM
  - PTFE
  - CR
  - IIR
  - BIIR
  - CIIR
  - IR
  - AU
  - VMQ
  - FPM
  - CSM
  - YAU

◆ used cast polyurethane type Monothane, hardness from 20 to 100 ShA and colour according to the customers specification.
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