



# General Catalogue 2023

## The Foamiran company

In 2001, the Foamiran company was established. To process foam products in Iran. The company's priority has been delivering high-quality and various innovative final products. Originally, the traditional production process did not fulfill the required technical criteria of the company. Therefore, we decided to install and establish the first phase of our manufacturing plant in an area of 8500 square meters in well-equipped facilities of 4800 square meters. With the incredible diligence of the company and in accordance with the market's needs and demands, we produced 2000 various kinds of sheets per day. By the end of 2011, the R&D unit of the company evaluated the domestic and international market needs, the plan to expand production capacity, and the production line layout alteration of new products. Considering these data and information, we planned the second phase of the production line, and now we have a manufacturing capability of more than 3000 sheets daily. These exist in all kinds of polyethylene sheets, EVA, EPDM, and rubber sheets specified for industrial fields with different uses from 5 to 100 mm thickness. Other types of these sheets include industrial roll-shaped foams in various dimensions, automotive industries, medical (orthopedic) industries, thermal insulation, sports floorings, bag or shoe foams, military foam, educational and teaching aids, and toys.

## Contents

The Foamiran company	1
The largest producer of foams in Iran	2
Production capacity	2
R&D unit	2
Foamiran design unit	2
We are your partner in the industry	2
Foamiran's specialized fields	3
Datasheets A	4
Datasheets B	5
Foam Wall Panel	6
Foam Sheets	6
Tatami Flooring	7
Foam Rolls	7
Letters & Numbers Puzzle	8
Magnetic Clock	8
Foam Hopscotch Play Mat	8
Cube of Shapes	9
Baby Chair	9
Snake & Ladder	9
Foam Buffer	10
Parquet Pattern Foam Mat	10
Mini Foam Puzzle	10
Medical Foam	11
Automotive Foam	12
Packaging Foam	13
Yoga Mat	15
Pull Buoy	15
Foam Dumbbell	16
Swimming Foam Board	16
Aerobics	17
Yoga Block	17
Certificates	18



## The largest producer of foams in Iran

By enhancing durability, diversity and competitive Benefits in its chain of various foam products, the Foamiran production group's objective for 2026 is to become the primary, most prevalent, and leading player in foam manufacturing. By this, we want to reach maximum value through production. We are also deploying new product consumption. This objective is possible through the knowledge and experience of expert human resources to evolve production and sales systems based on modern world techniques. In this sense, we could manufacture the most foam products. From the customer's perspective, it is a proper substitute for other products, and every Iranian can be a consumer of at least one of these foam products at home. This company introduced its products by exploiting the most complex production technology. It is one of the largest foam production companies in Iran and the Middle East and one of the largest exporters of EVA foam products to all parts of the world. Since 2011, the Foamiran company started its export to Russia and 50 other countries such as Estonia, Poland, Germany, Portugal, Italy, England, and some countries in the African continent.



## Production capacity

With the most potent production capacity, the Foamiran company can produce more than 500 tons monthly, we proudly manufacturing different kinds of foams and send them to domestic and foreign markets. This production capacity is upgradable based on the country's market requirements.

## R&D unit

The Foamiran research and development unit consists of chemistry and polymer science graduates with doctorate and master's degrees from prestigious universities in the country. This unit can implement the ideas of customers in the best possible way by using the knowledge and best laboratory facilities in the world.

## Foamiran design unit

Foamiran is proud to be one of the pioneers of industrial design in the country with more than 400 types of designed goods.

## We are your partner in the industry

The foam industry has massive potential that it can use to create creative businesses. Fomiran's mission is to help and accompany those interested in entrepreneurship in all stages of ideation, molding, final production, and product sales.

## Foamiran's specialized fields



Bags and shoes Foam



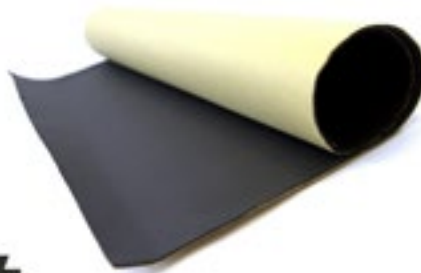
Medical foam



Packaging Foam



Cooling and heating foam



Car foams



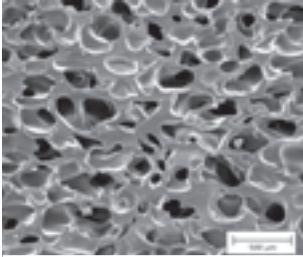
Sport foams



Cleaning foams



CELLULAR FLEXIBLE FOAM



EB70

EP50

EP20

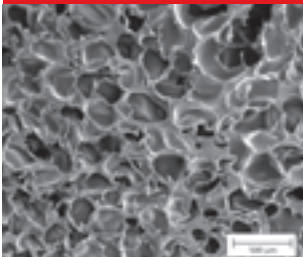
OP60

- Strong reversibility
- Good Sound insulating properties
- Low water absorption
- Various and best quality colors
- Suitable for hot-forming processes
- Flexible processing option
- High temperature resistance
- Highly Acid-resistant
- Vibration absorption
- Corrosion resistant
- Good resistance to petrol,oils and greases
- High ageing stability
- Excellent compression set
- Excellent compression strength

Hardness  
 • A Variety of densities from 18 to 35 Shore C

Density (kg/m3)  
 • A Variety of densities from 80 to 120

CELLULAR LOW DENSITY FOAM



HTVRG40

PE85

TVRG10

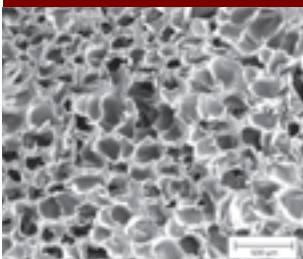
- Good Sound insulating properties
- Low water absorption
- Various and best quality colors
- Suitable for hot-forming processes
- Flexible processing option

- High temperature resistance
- high Acid-resistant
- Vibration absorption
- Corrosion resistant
- Good resistance to petrol,oils and greases

Hardness  
 • A Variety of densities from 20 to 30 shore C

Density (kg/m3)  
 • A Variety of densities from 20 to 70

CELLULAR POLYETHYLENE FOAM

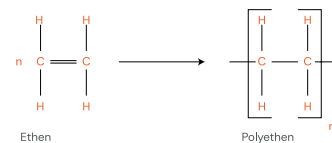


- Strong reversibility
- Good Sound insulating properties
- Low water absorption
- Various and best quality colors
- Suitable for hot-forming processes
- Flexible processing option
- High temperature resistance
- Easy to work
- Highly Acid-resistant
- Vibration absorption
- Corrosion resistant
- Good resistance to petrol,oils and greases
- High ageing stability
- Excellent compression set
- Excellent compression strength

PE60

PEI45

Hardness  
 • A Variety of densities from 40 to 50 Shore C  
 Density (kg/m3)  
 • A Variety of densities from 80 to 120



## EP17

## EPDM100

- Strong reversibility
- Good Sound insulating properties
- Low water absorption
- Various and best quality colors
- Suitable for hot-forming processes
- Flexible processing option
- High temperature resistance
- highly Acid-resistant
- Vibration absorption
- Corrosion resistant
- Good resistance to petrol,oils and greases
- High ageing stability
- Excellent compression set
- Excellent compression strength

## EP60

## EP30

### Hardness

- A Variety of densities from 30 to 45 shore A

### Density (kg/m3)

- A Variety of densities from 250 to 350

- Strong reversibility
- Good Sound insulating properties
- Low water absorption
- Various and best quality colors
- Suitable for hot-forming processes
- Flexible processing option
- High temperature resistance

- Highly Acid-resistant
- Vibration absorption
- Corrosion resistant
- Good resistance to petrol,oils and greases
- High ageing stability
- Excellent compression set
- Excellent compression strength

### Hardness

- A Variety of densities from 50 to 65 Shore A

### Density (kg/m3)

- A Variety of densities from 200 to 400

## PGB20 COMPRESSED

## EPB50

## PGB20 SEMI COMPRESSED

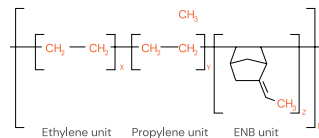
- Good Sound insulating properties
- Low water absorption
- High resistance to chemical corrosion
- Suitable for hot-forming processes
- Flexible processing option
- High temperature resistance
- High Acid-resistant
- Vibration absorption
- Corrosion resistant
- Good resistance to petrol,oils and greases

### Density (kg/m3)

- A Variety of densities from 90 to 130

### Hardness

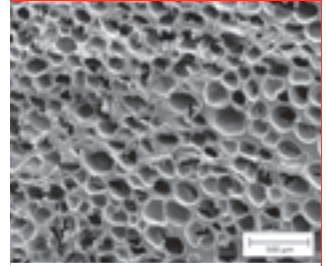
- A Variety of densities from 5 to 15 Shore C



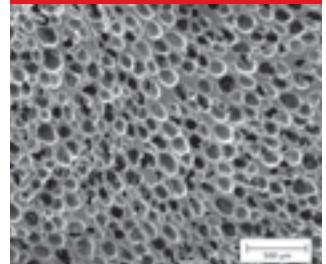
## EPDM430

## EPDM550

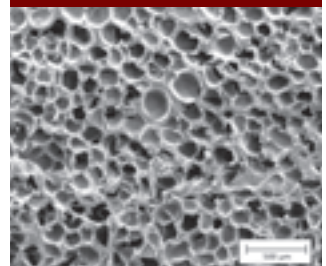
## CELLULAR ELASTIC FOAM



## CELLULAR HARD FOAM



## CELLULAR EPDM FOAM



## FOAM WALL PANEL

### Usages:

Foamiran foam wall panel under thickness of 6 mm with flex layers to equip:

- 1) Educational facilities, kindergarten, schools, exhibitions, game and recreational complex for children.
- 2) child room space

### Size:

It is manufactured with 1m and 10 cm height from earth level (110cm) under 50 meter rolls with length coefficient of 5 m.

minimum order of customer is 5 m.

### Colors:

Foamiran foam wall panel is offered in 7 standard colors: ochre red, dark blue, yellow, grey, orange, pink and lavender. Upon the order of customer, they are available in other colors as well.

### Advantages:

It can be installed and cleaned easily and is available in various colors.



## FOAM SHEETS

### Applications:

Foamiran foam sheets are available in thickness of 1 to 32 mm for:

- 1) Bag and shoes industry
- 2) Automobile industry
- 3) Heating and cooling industry
- 4) Military industry
- 5) Floor cleaner
- 6) Fender goods packaging

### Size:

Foamiran foam sheets are manufactured and offered in standard sizes

215x145 cm

210x140 cm

210x130cm    185x125 cm

### Colors:

Foamiran foam sheets are manufactured in the following colors: white, black, body color, brown, ochre red, dark blue. Upon the order of customer, they are available in other colors as well.

### Advantages:

Foamiran foam sheets are various density (D-70, D-90, D-1 00), can be used in hard conditions, and they have suitable tensile strength and 6 resistance against water.





## TATAMI FLOORING

### Applications:

Foamiran Tatami flooring with thickness of 20 to 45 mm to equip:

- 1) Sport complex (Bodybuilding), martial (Karate, Taekwondo, judo), aerobic and yoga.
- 2) Educational halls (Kindergarten, schools, exhibitions, game and recreational place for children.
- 3) Open spaces (Parks, yard and game place for children)

### Size:

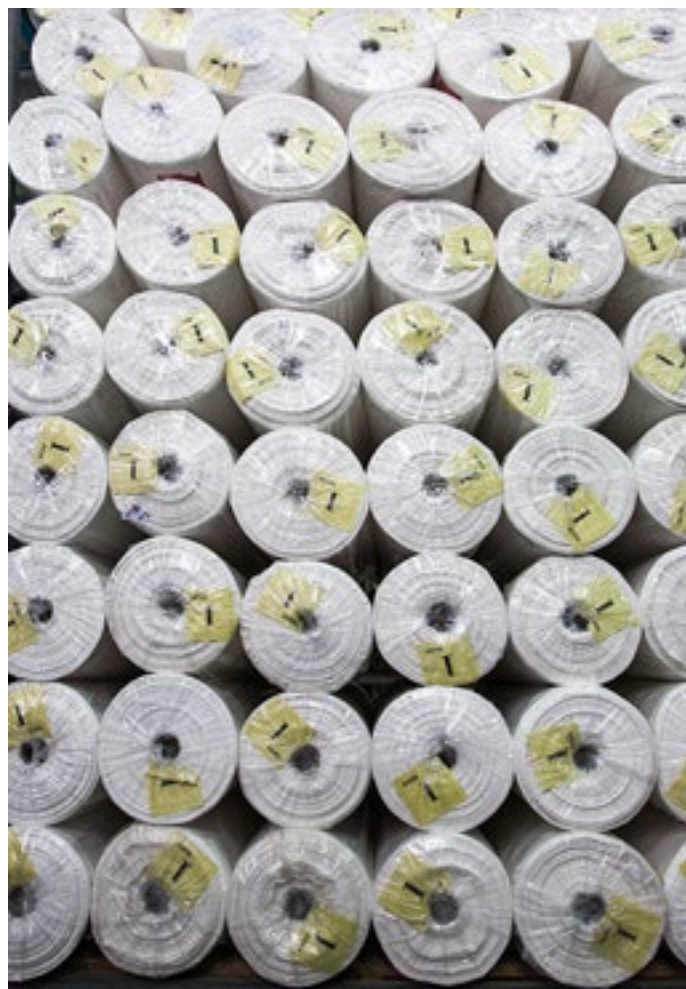
Foamiran Tatami flooring is manufactured with standard size (100x100cm), 1 sqm. It can be offered in 5/0 sqm (50x50 cm) and smaller size (34x34 cm)

### Colors:

Foamiran Tatami flooring is manufactured in standard colors: red, blue, yellow, grey, orange and blue-red. Customized colors are also available.

### Advantages:

Foamiran Tatami flooring can be installed and cleaned easily and they are available in various colors.



## FOAM ROLLS

### Applications:

Foamiran foam sheets are available in thicknesses of 1 to 32 mm for:

- 1) Bag and shoes industry
- 2) Automobile industry
- 3) Heating and cooling industry
- 4) damper of wooden parquet

### Size:

Foamiran foam sheets are manufactured and offered in standard sizes

50x1.5 m

100x1.5 m

150x1.5 m

### Colors:

Foamiran Tatami flooring is manufactured in standard colors: black and white. Customized color is also available.



## LETTERS & NUMBERS PUZZLE

Foamiran English letters and numbers puzzle is designed and produced with the aim of making it easy for children and even adults to learn the Latin alphabet and numbers. Beautiful design along with the use of cheerful colors in the production of this product will motivate new learners and increase the speed of children's learning without applying any pressure and will promote their mental growth and development.



## MAGNETIC CLOCK

Foamiran magnetic clock is designed and produced with the aim of teaching the clock and the concept of time to children and primary school students. Due to its magnetic properties, beginners can easily install it on their whiteboard, cupboard or iron table. Therefore, this device can be a highly effective educational tool in the child's room and even in the classroom.



## FOAM HOPSCOTCH PLAY MAT

Hopscotch is a children's game that can be played with several players or alone. Players toss a small object into numbered triangles or a pattern of rectangles outlined on the ground and then jump through the spaces to retrieve the object.

Foamiran designers has begun to produce a hopscotch play mat in order to bring comfort to children so that they can play anywhere (rooms, kindergartens etc.) easily. Beautiful design, use of hygienic and high-quality materials, easy to wash and transfer, and use of diverse colors are the features which distinguish this product from other similar samples in the market.



### Features and applications:

- Easy to wash
- There is Risk of swallowing
- Usable in kindergartens, play rooms and home



## CUBE OF SHAPES

When solving puzzles, children can learn how to share and interact appropriately, as well as how to perform cooperative tasks. Our puzzles encourage productive social behavior, while children give each other help or tips. Smaller children will improve their mind-body coordination while building 3D cubes and constructions. Additionally, the colorful and skin soft puzzles stimulate your fundamental senses of seeing and feeling.

### Features and applications:

- Easy to wash
- There is no Risk of swallowing
- Usable in kindergartens, play rooms and home

## BABY CHAIR

The foam baby chair is designed and manufactured solely for the use of children with the aim of reducing the dangers of non-standard chairs. Unique design, the use of high-quality foam, washability with detergents and no sharp edges have made this product a special place among families with young children.



## SNAKE & LADDER

This game includes various designs and colors, is attractive and cheerful, and entertains children. By encouraging a sense of curiosity, this game helps promote their growth and development during play.

## FOAM BUFFER

Foamiran foaming buffers are manufactured and marketed to be used in edges and dangerous angles for walls, stairs, desks, chairs and all areas with sharp edges in order to provide safety for children.

To ease installation, these buffers have adhesive on the back and are then curved to be easily installed in corners and edges.



## PARQUET PATTERN FOAM MAT

layer with light and dark colors which makes it usable in official areas, kindergartens and children's play rooms. Each of the 9 pieces of these foaming mats can be easily put together and covers a surface of 12 m.

- There is possibility of production in different thicknesses according to customer's order

### Features and applications:

- Good buffer in order to make playing areas safer
- Chemical detergent
- Beautiful & practical for all spaces



## MINI FOAM PUZZLE

Mini puzzles entertain children due to their colorful, interesting and exciting design. They stimulate a sense of curiosity and improve their growth and development while playing. These mini puzzles teach children how to make a complete image by putting small pieces together so that their attention will be captured and their memory will improve. Mini puzzles call the children to a challenge by their unique design, and show children they can succeed if they try a little hard and then they can enjoy the victory they achieved.

### Features and applications:

- Use of diverse, attractive and vibrant colors
- Risk of swallowing
- Suitable for kindergartens and children's rooms





## MEDICAL FOAM

Medical foams are manufactured with high quality materials. Hygienic and technical principles have been considered in their production. Foams used in medical equipment must normally have high density and level of durability. Therefore, these foams are soft, flexible, resilient and without any rough and sharp surfaces.

As a protector, they have tremendous impact on keeping body organs stable. Our knowledge of materials, design expertise and manufacturing capabilities allows us to work with customers to design and develop custom innovative solutions for the medical industry.

## Features and applications:

- Diverse thickness, dimensions and colors.
- Diverse density and level of durability.
- Totally hygienic and compatible with skin.
- Used in production of medical equipment like temperature and air ventilation.
- Used as protector in packaging instruments and medical equipment like laboratory dishes.
- Used in production of medical necklaces, belts, Knee straps, wristlets and shin guards.
- Used in production of medical and plaster shoes.
- Used in production of cover pad and scar protector like patches.
- Used in production of cushions in wheelchairs, gurneys and hospital beds.

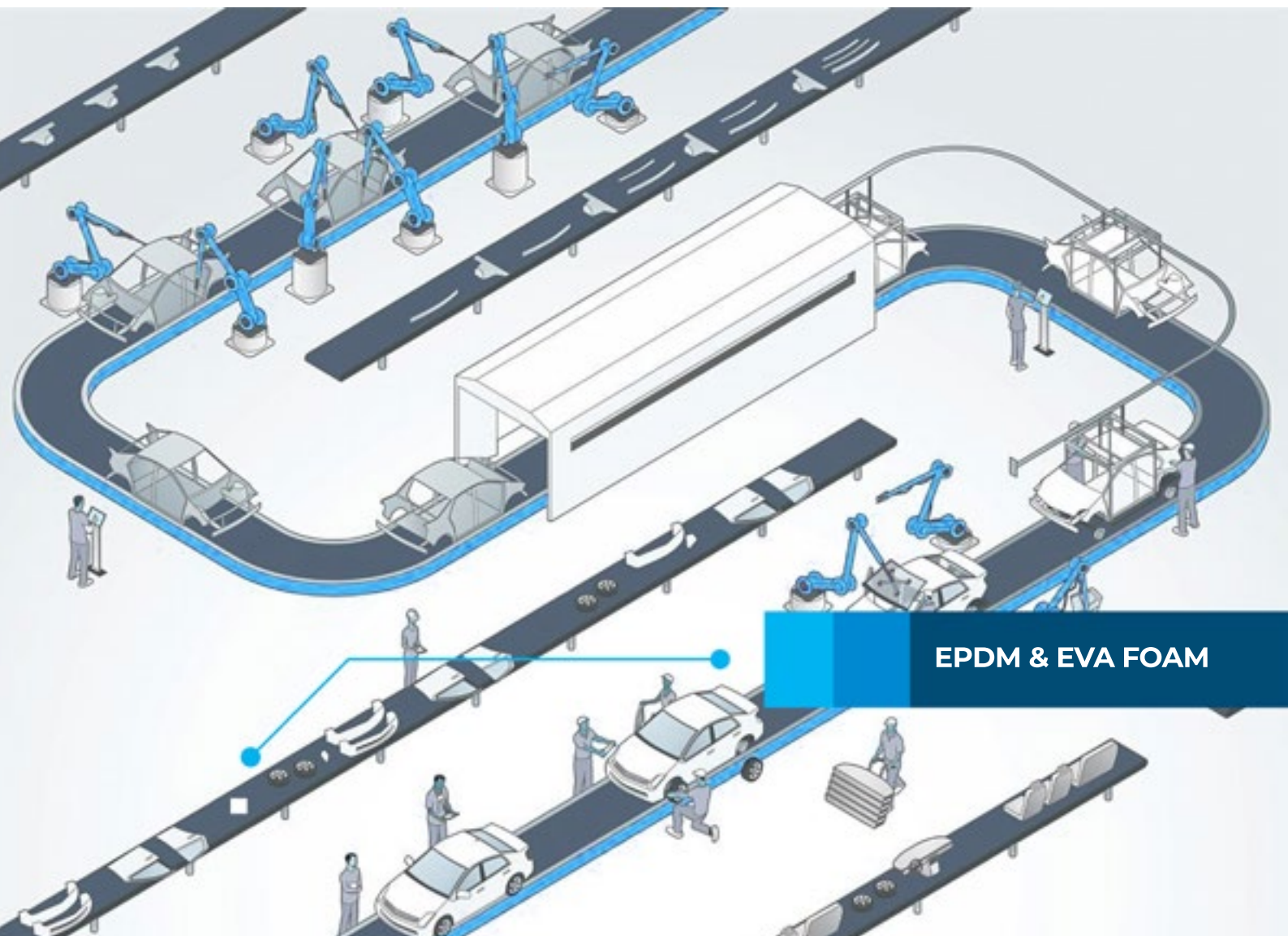


## AUTOMOTIVE FOAM

Foamiran automotive foams are utilized in the automotive industry due to their sound-absorbing, vibration-dampening, lightweight and insulating properties. Commonly used foams for automotive components include open cell foams. They are widely used in car manufacturing, offering real benefits in terms of comfort, protection and energy conservation. Their durability and light weight, combined with their strength, make them ideal not only for cushioning purposes, but also within the bodies of cars, where their insulation properties provide protection against the heat and noise of the engine.

### Features and applications:

- Good buffer and high strength
- Capable of becoming sticky on the back side
- As insulation against sound, heat in car doors and roof»
- Production of car accessories such as air and lube filter, foaming gasket, to caulk lamps etc.»
- Protection in car accessories like toolbox
- And many other uses



## PACKAGING FOAM

Foamiran packaging foam with high density and durability level is suitable for protecting vulnerable products against external factors for example, heat, humidity and etc. It has been produced and available to manufacturers in order to have their products safe delivered to the customers.

### Features and applications:

- Flexibility and resilience feature
- Used in jewelry box
- Used as protector foam in musical instruments
- Used as protector foam in sensitive objects like glass dishes
- Used in gun box
- Used as protector foam in industrial pieces like toolbox





# Foam Sportswear



**All of the manufactured products have an international quality certificate (ISO900 2015), a health and safety management license (ISO45001), and an environmental management license (ISO14001).**

## YOGA MAT

Yoga mats are specially fabricated mats used as an aid during the practice of Yoga to prevent hands and feet slipping during practice. The yoga mats will positively transform your yoga practice with unparalleled comfort and support.



- If you have practiced yoga on the grass, in the sand, or even on a blanket, you know that standing postures require more strength than flexibility. The increasing stickiness of our mats enables more balance in the strength and flexibility required in yoga practice.

### Features and applications:

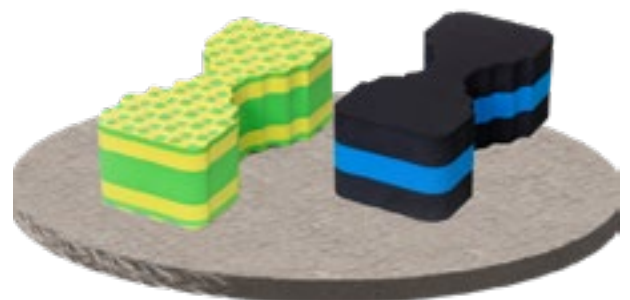
- Chemical detergent resistant
- Water resistant
- Non humidity and sweat absorption
- Hygienic
- Prevent from slipping while exercising
- Lightweight and high strength
- Suitable for exercising
- Usable in homes and sport complex

## PULL BUOY

The pull buoy is a basic piece of swimming equipment used to improve a swimmer's power. A buoy is typically held between the thighs to float the hips and legs at the surface of the water. Athletes who still flutter kick with a buoy in place should use a band to strap their ankles together.

### Features and applications:

- Chemical detergent resistant
- Water resistant
- Hygienic
- Low density
- Teaching aid for learning how to swim



## FOAM DUMBBELL

### Features and applications:

- Creating coordination, balance, strength, endurance and flexibility in the body
- Chemical detergent
- Color resistance against washing and sunshine
- Water resistant
- Hygienic
- Light weight and high strength
- Exercising inside swimming pool
- Doing aerobics, fitness, Pilates and yoga activities
- Suitable for using in swimming schools and gymnasium



## SWIMMING FOAM BOARD

Swimming Foam boards are a flotation aid used to develop a swimmer's kicking action. They can be used on all strokes but are primarily used on freestyle, butterfly stroke and breaststroke.

Swimmers of all ability can use them. Young swimmers can develop their kicking action while elite swimmers can refine their kick. They are also used to strengthen swimmer legs. Swimming foam boards are usually made from EVA and they have wavy surfaces.

### Features and applications:

- Chemical detergent resistant
- Water resistant
- Hygienic
- Low density
- Teaching aid for learning how to swim





## AEROBICS, FITNESS, PILATES AND YOGA

Aerobics, Fitness, Pilates and Yoga Step board is one of the most essential equipment for performing sports exercises in aerobic and bodybuilding. The egg thread pattern on these step boards is for bringing flexibility and reversibility features into it in order to prevent your knee from being injured during exercise. Production of Foamiran yoga specialist step board is the latest Foamiran product which has standard dimensions of 86x38 cm with 12 cm height.



### Features and applications:

- Chemical detergent resistant
- Water Resistant
- Hygienic
- Lightweight and high strength
- Suitable for aerobic, fitness, Pilates and yoga exercises
- Usable in homes and gyms

## YOGA BLOCK

Made from foam, the yoga block is often used as an extension of the arms, but can also support the back, head and hips to help the body settle into a pose. The blocks increase awareness to properly engage and support muscles in a specific pose. Yoga blocks are very useful props for anyone to use. For people at any level in Yoga, the Yoga block provides stability and support for the body while moving into the more difficult poses. They can help the body stretch and strengthen without undo strain.



### Features and applications:

- Chemical detergent resistant
- Water resistant
- Hygienic
- Usable in yoga equilibrium and triangular activity
- Usable in homes and gyms

## Certificates

Foamiran foam sheets are produced in a well-equipped factory using high-quality raw materials by advanced machines and professional experts. The quality of the foams produced in Foamiran has always attracted the attention of the world markets. In addition, all products are controlled by quality inspectors after production. This work leads to troubleshooting, fixing defects, and providing standard and high-quality products to domestic and foreign markets.

Foamiran has IMS, 2015: ISO 9001, ISO 45001, and ISO 14001 certificates.



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