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Negin Rose

More than four decades of Industrial activity has made Rose Industries Holding one of the industrial pioneers in its field of activity. Due to innovation, extensive R & D possibilities, utilization of experts and trained staff, along with proper communication with the elite and prominent specialists in the industrial and educational sectors of the country, a coherent group has been established that will always be involved in producing superior products and services that will result in this group to be ranked among the international companies with high quality products.

Our everyday grouped and integrated effort is to improve the living standards of humans and utilize the improvement resources and opportunities as much as possible. We believe that technical knowledge and high professional standards, along with updated and proper equipment, and coherent teamwork, will lead our country towards industrial progress and help us realize our humane goals.

About Rose Holding:

Rose Holding comprises of three companies as below:

Negin Rose
Rose Polymer
Kaveh Fiber

Negin Rose Company:

The company started its activity in 1993 and has four main units:

1. Rose Moquette: This unit, with a yearly production capacity of 16 million m² , produces various types of felt, printed, and embossed carpets in varying widths of 2 – 4 meters in various weights.
2. Rose Master-batch: This unit was established in 1994 and now produces a variety of master-batches based on polypropylene, polyester, and polyethylene with a yearly production capacity of 300 tons .
3. Rose Fiber: This unit has two full and advanced production lines of polypropylene fibers of different finness (denier) and cut-length with a nominal yearly production capacity of 15.000 tons .
4. Rose Non-woven Textiles: This unit has modern and advanced nonwoven machineries by which several layers in forms of felt carpets, wall cover layers, thermal and sound insulators, automotive products, various floor coverings and many other products could be produced using needle punching processes. Machines and equipment of this unit are comprised of blow frames, carding frame, multi-stage needle punching process, designing, printing, finishing and packing, and a laboratory equipped with brand-manufacturers equipment from Europe. The products of this unit are produced according to the best quality and standard.





Rose Polymer Company:

The company was established in 1990 following several years of endless endeavors by prominent specialists. A group of 250 specialists and experienced staff are directly involved in the company's high quality production. The company is active in the fields of chemistry and polymers. Products of this company include hygienic liquid paraffin, Vaseline, wax, jelly for telecommunication cables, cosmetic products, and many other hygienic and industrial products. The company exports most of its products .

Kaveh Fiber Company:

Due to utilizing up-to-date machinery and equipment, the company is among the best manufacturers of polyester and polypropylene fibers. This company joined the Rose Group in 1996 and now exports its products to various countries around the world, including Europe. The production capacity of the company is 15.000 tons yearly.

ROSE HOLDING'S PRODUCTS

Rose Moquette

Rose Nonwovens

Rose Yarn

Rose SINTEX

Rose Filter

Rose Fiber

Rose MASTERBATCH



Rose Moquette

ROSE
MOQUETTE 
Negin Rose Textile Industries Co.

History:

Non-woven fabrics are fabrics that threads have not been used in their main structure. Unlike woven fabrics, these textiles are made directly from interwoven and bonded fibers.

The emergence of this industry dates back to the middle of the last century, with the aim of utilizing unused waste of woven industries and converting them into special-purpose textiles. Non-woven fabrics have become widespread in use today, and every day, the number of products in the industry is increasing.

Two basic steps are required to create a non-woven adhesive called web lamination (web forming) and bonding fibers to each other (web bonding). The layer is made in three different ways: dry, wet, or polymer. Bonding step can be done by mechanical, chemical or thermal methods or a set of these methods.

Negin Rose Sepahan Textile Industries is one of the pioneers in the field of non-woven floor-covering. The household carpetings of this industrial complex have been among the top brands in Iran for many years. These carpets are manufactured by dry-laying and the bonding process is done by mechanical means (needle-punching).



Facilities:

- Daily production capacity of over 20,000 square meters of non-woven fiber structures including types of felt, printed, patterned, hot roll, embossed carpets
- Using the best machines and equipment of the world
- Using the best quality raw materials
- Experienced and trained personnel
- Quality control and quality rating system
- Systematic configuration of elements

Production and products :

The production team of the complex consists of highly experienced and technical people who are the factory's main capital, and based on the hardware of the factory these people are able to produce layers and carpeting in a variety of different types, grades and designs. Household carpets are made in simple velvet, plush designs, matchstick patterns, hot-engraved designs, stitch-printed designs, which on the next pages are pictured with the name of the design.



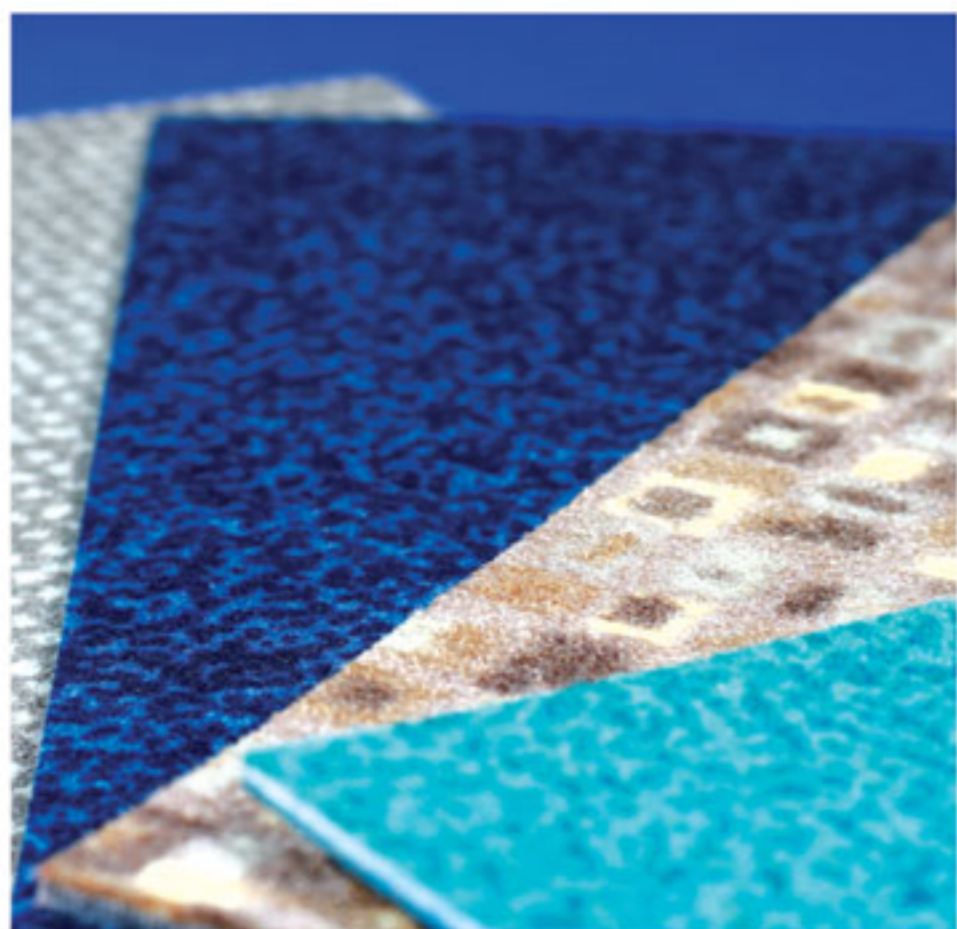
Felt printed carpeting in width of 3 meters:

- Parquet design
- Choubineh
- Zomorod
- Negin
- Mahour
- Sarv
- Paeizan



Non-printed carpeting in 2, 3, and 4 meter width:

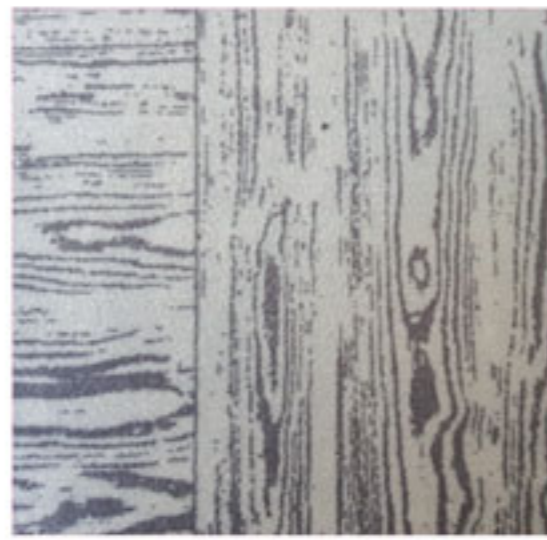
- Shamim
- Kebriti (Matchstick) pattern
- Laleh
- Aghigh
- Saba
- Yasamin



Attributes:

- Color and design variety
- Variation in the width (up to 400 cm)
- Use of the best quality back coating materials

Felt printed carpeting in width of 3 meters



Choubineh ●



Shamim ●



Saba ●



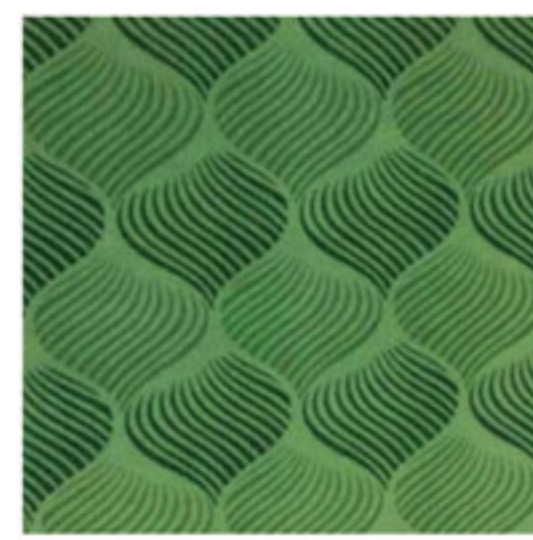
Parquet design ●



Paeizan ●



Sarv ●



Mahour ●



Negin ●



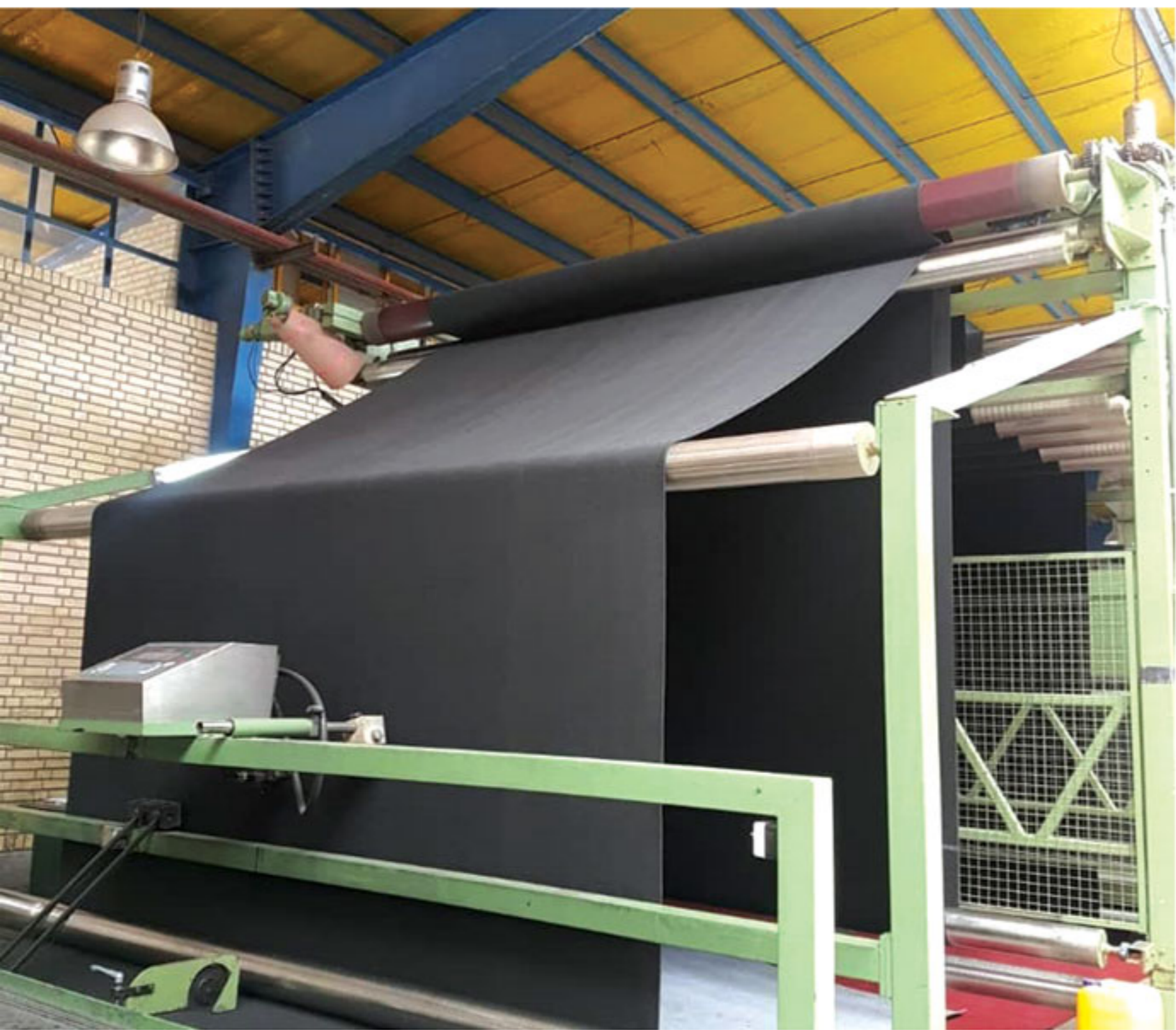


Automotive flooring and textiles:

Car flooring is one of the industrial productions of the Negin Rose Group, which are being manufactured in accordance with the special standards of the automotive industry.

The raw materials of this product range include polyester fibers, polymer resins and co-ops that enter the production stage after qualitative evaluation upon entering the factory.

The middle and final products are produced in accordance with the defined standards of the automotive industry, simultaneously with the production process, employing the new methods of quality control utilizing the knowledge and expertise of experienced personnel of the company and consultants and experts of textile industry. The production of non-woven layers, done by using carding and transverse layers, multi-stage needle-punching processes, and the formation of a uniformly high velvet surface, followed by the back coating of the layers in the thermal finishing system, are the main stages of the production of Negin Rose Automotive flooring and textiles.





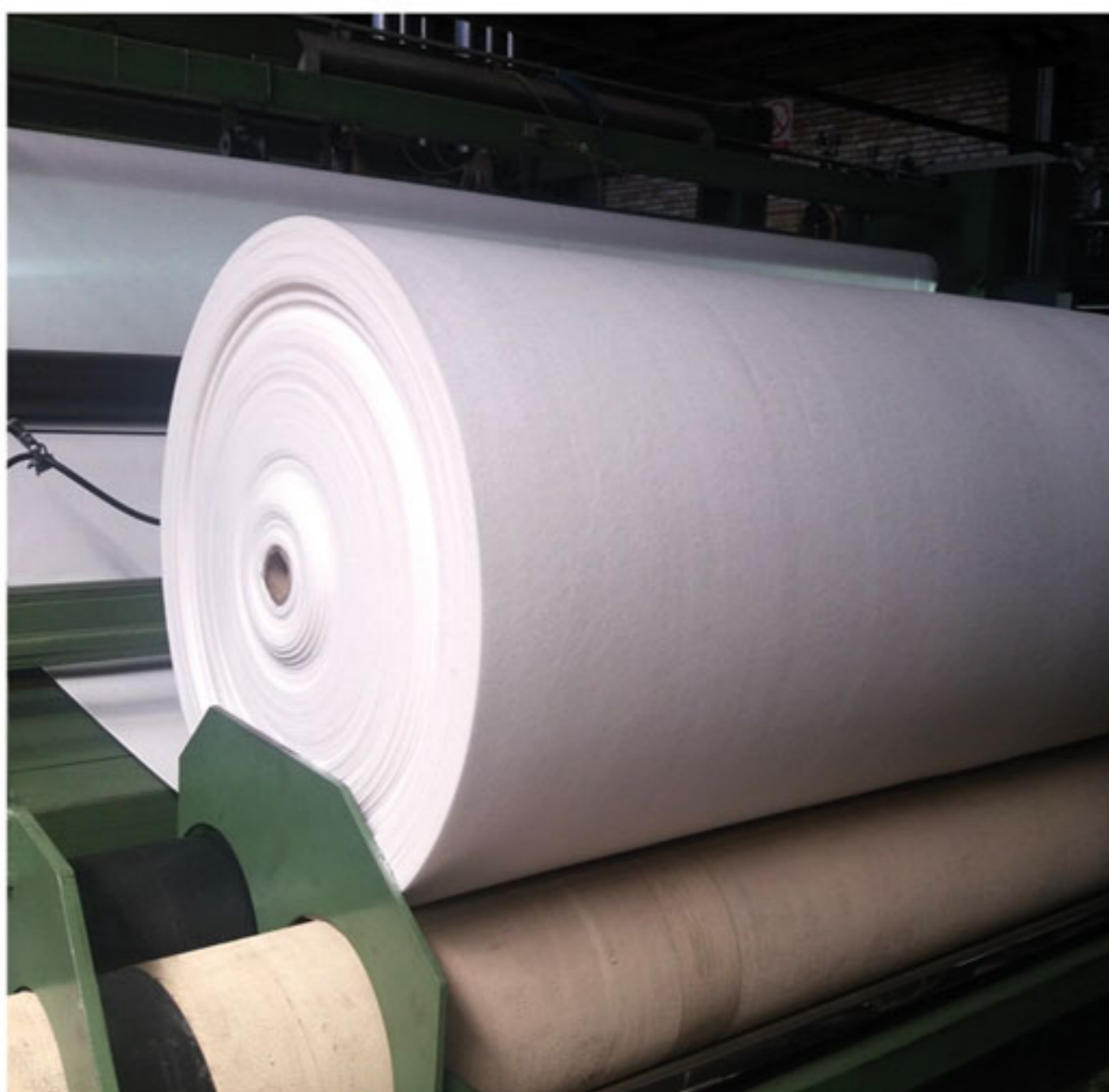
Automotive textiles

ROSE
NONWOVENS
Negin Rose Textile Industries Co.



Negin Rose Non-woven products

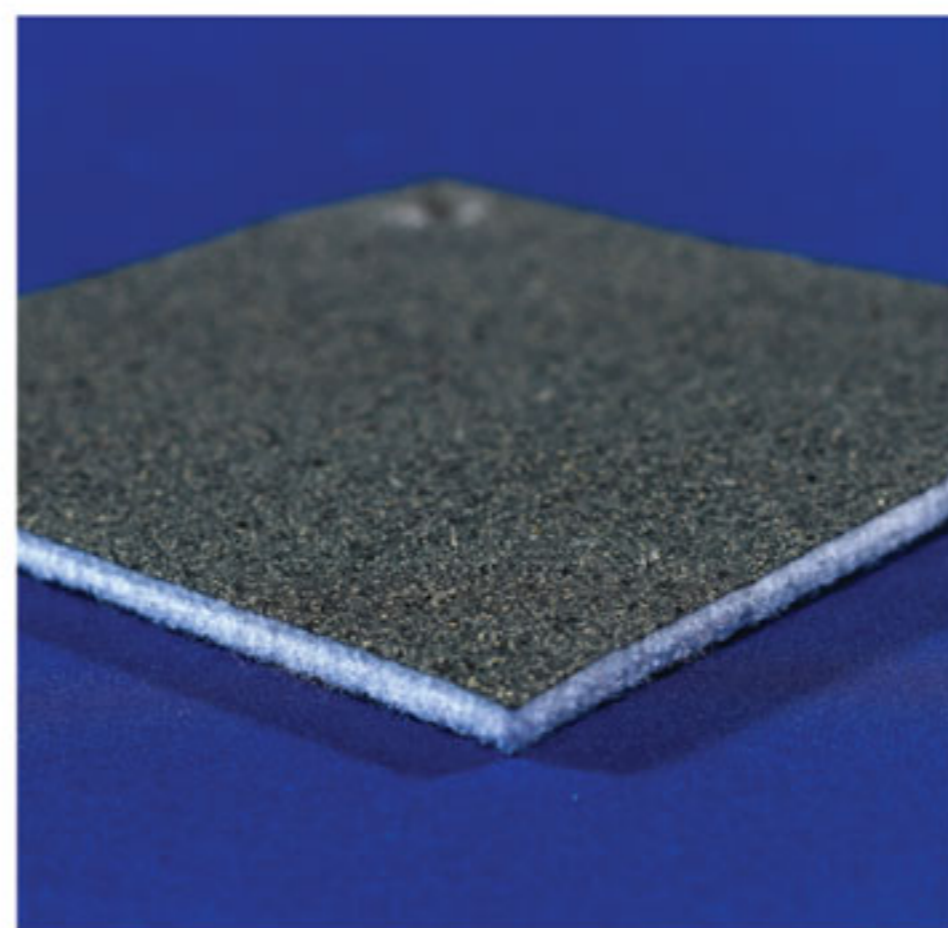
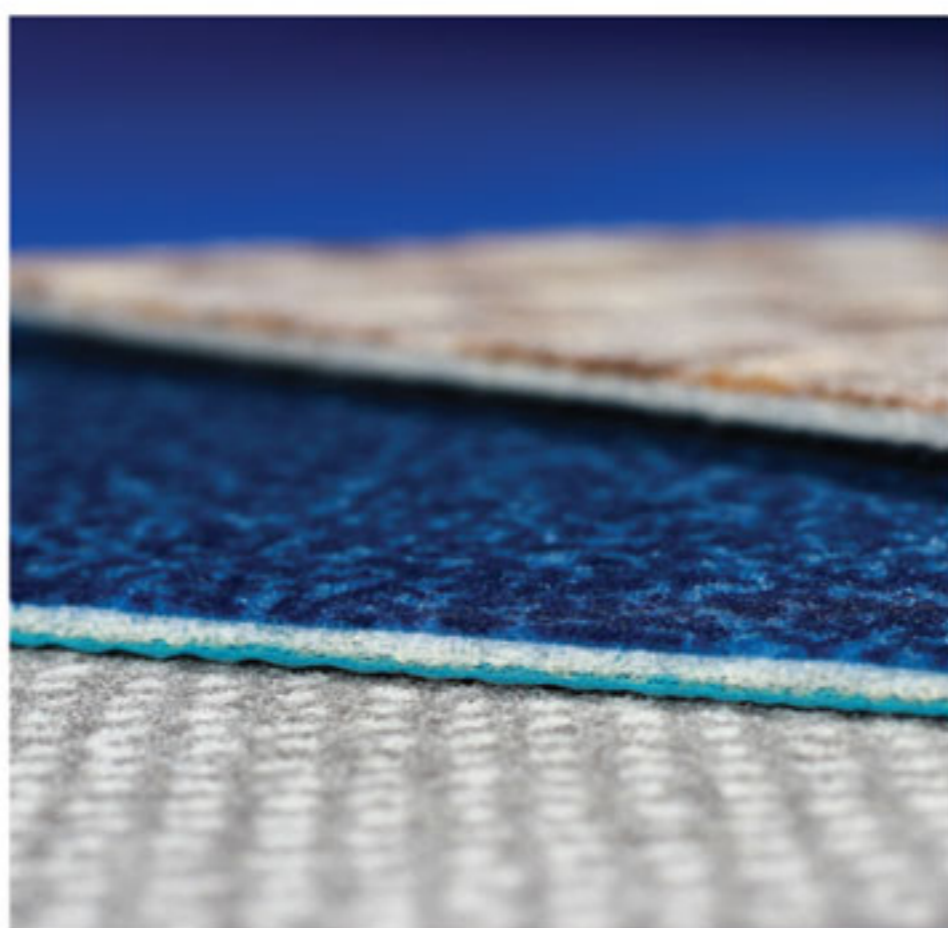
One of the production units of Negin Rose Complex is Non-woven fabrics. In these production lines, the best equipment and machinery made in Western Europe, including Germany and Austria, is used.



These production lines are capable of producing non-woven layers of a weight of 70 to 1500 grams with a maximum width of 400 centimeters.



The thickness of the layers is adjustable from 0.4 to 15 mm. The density of the layers can be adjusted according to the use of non-woven textiles.

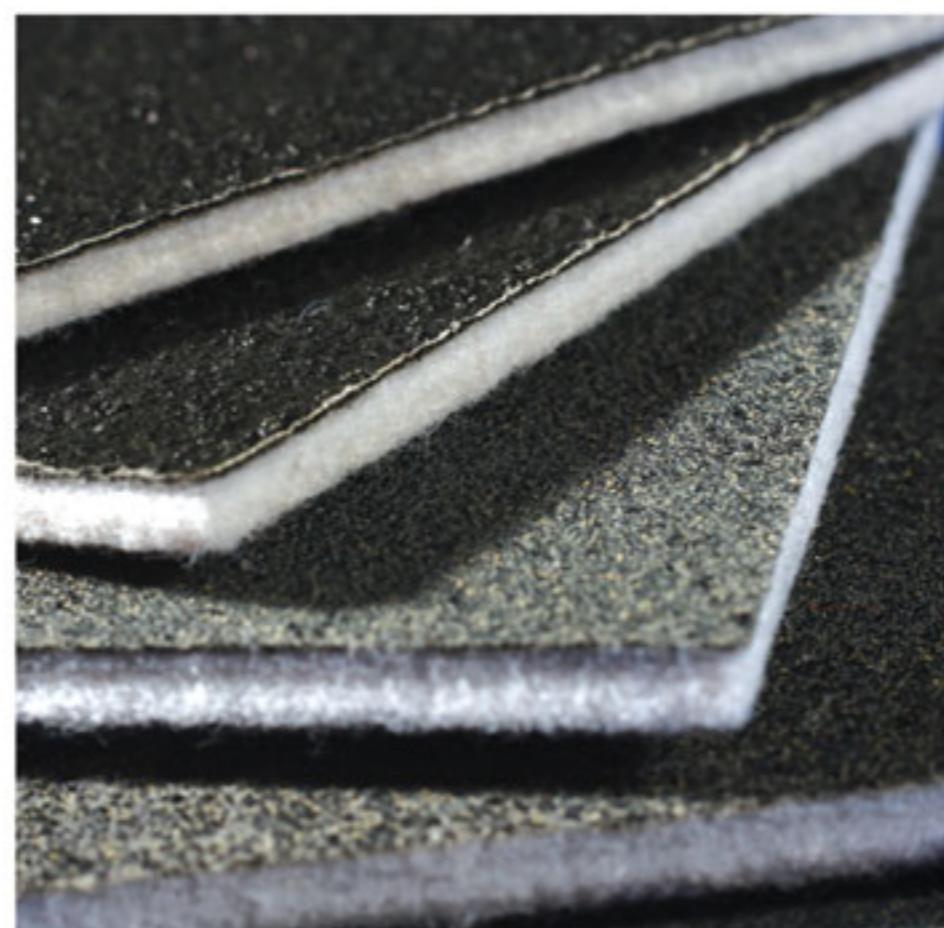
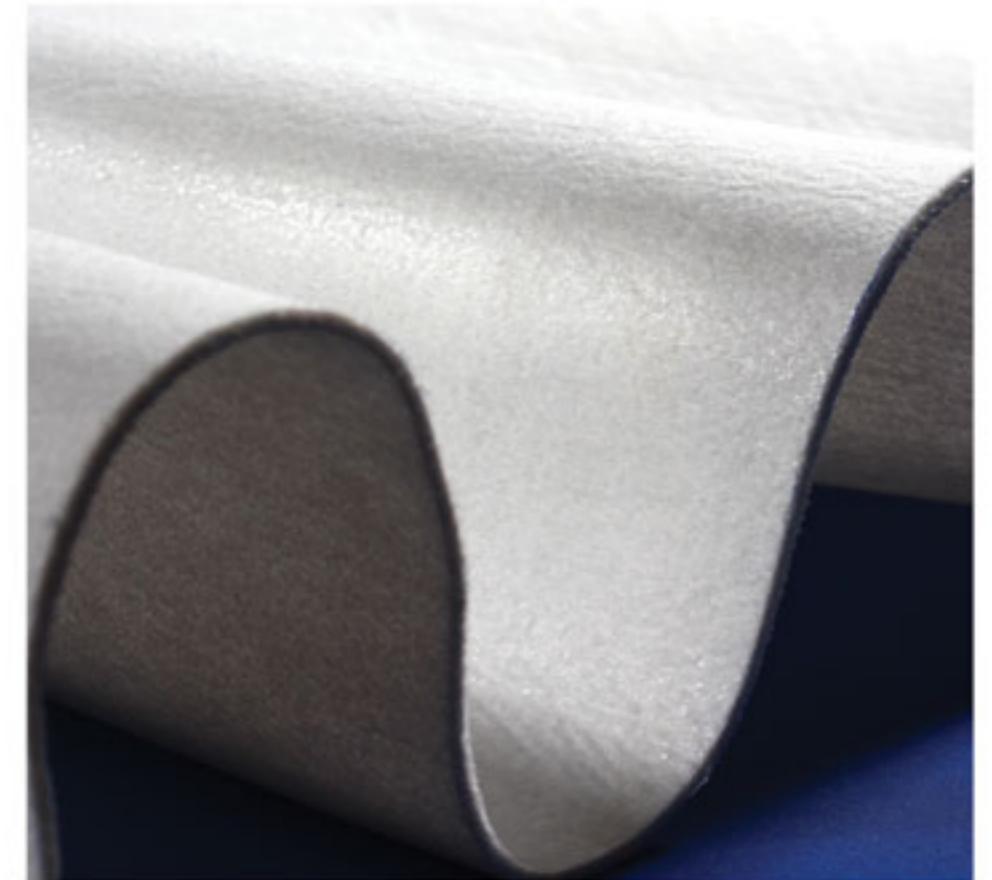


Printing and finishing operations on layers:



The use of world's up-to-date technology, advanced machines and equipment, and specialized technical knowledge have led to a variety of complementary operations on non-textured layers:

- Thermal finishing (Heat set)
- Calendaring
- Chemical, waterproof, anti-oil, anti-fire, anti-static, anti-pilling, anti-bacterial finishings
- Multi layer coating
- Increased in tensile , separation and tear strength
- Printing and Fixing (up to 300 cm wide)



Applications:

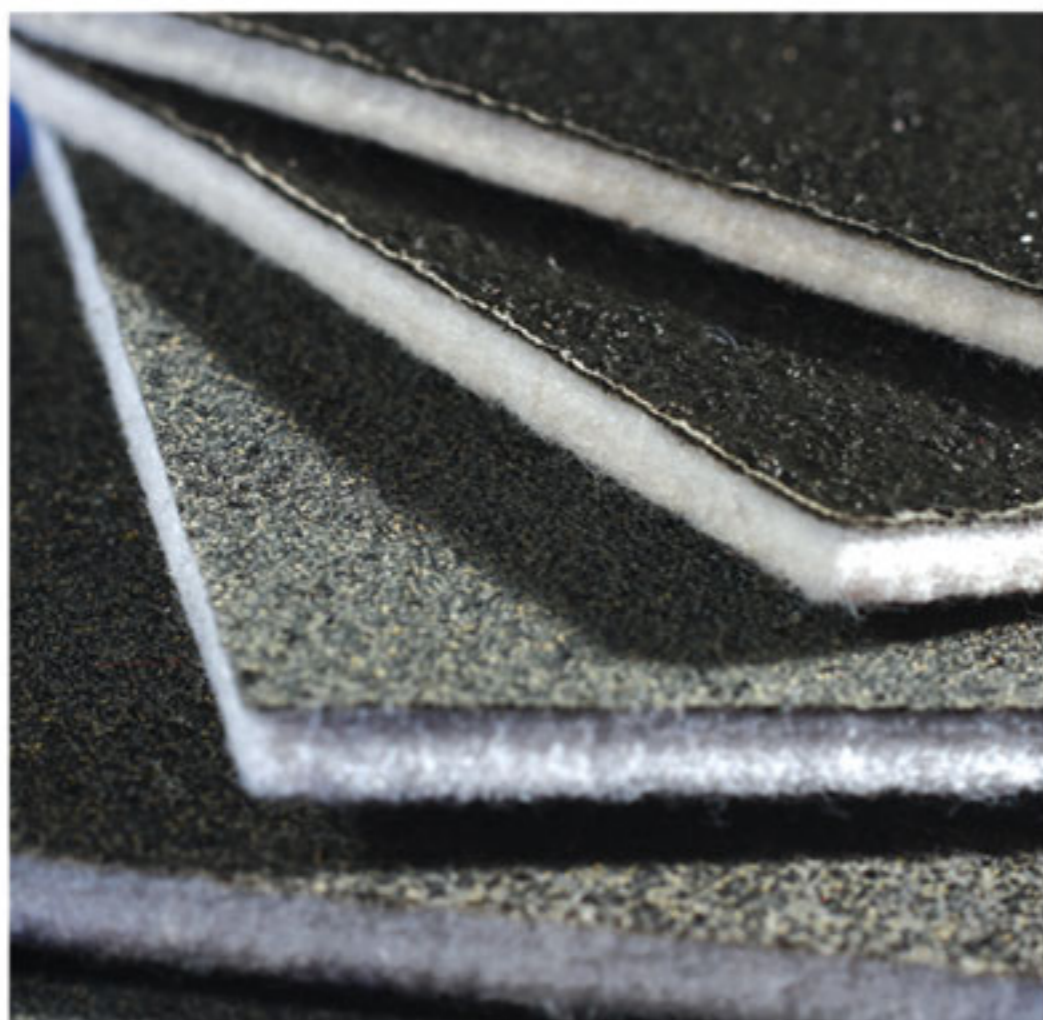
Non-woven textiles cover a wide range of applications of which the following can be mentioned:

- Automobile industry: ceiling and floor covering of vehicles, the intermediate and outer layers of interior decoration of vehicles
- Bags and shoes industry
- Building and road construction industry, damming, water transmission channels
- Oil, Gas and Petrochemical Industries





- Mines, materials handling, mineral processing
- Home cleaning and wet tissues
- Decorative textiles
- Filtration, air filters, liquid filters, gas filters
- Moisture and heat insulation
- Floor coverings, curtains, household furniture





ROSE YARN

ROSE YARN
Negin Rose Textile Industries Co.

Multi-color yarn (Printed yarn):

Product introduction:

- Printing on raw yarn and colored yarn
- Variety of up to 6 yarn colors
- Effect design by line and point



Printable yarns:

- All types of spun polyester
- All Polyester filament types
- All types of polyamide threads
- All types of Acrylic yarns
- All types of wool yarns



Applications

Multi-color threads are usable in a variety of woven fabrics, including:

- Round-knit fabrics
- Rachael and linen fabrics
- Warp and woof fabrics
- Furniture and curtain fabrics
- All types of blankets
- Carpet coverings
- Carpets and felt carpets



Rose SINTEX

Rose SINTEX
Negin Rose Textile Industries Co.

Rose SINTEX

Reducing noise pollution, especially in living in apartment buildings, and providing a secure and peaceful environment, have led Negin Rose Sepahan Company, believing in the necessity of research and development, with the goal of producing new quality products in accordance with national and international standards, to start its activities on sound insulators. Progress in the field of materials with very small dimensions that can absorb sounds, can be a great help in this regard. The word "small dimensions" leads us to the Nano-scale materials.

Rose SINTEX, as a new product in this field, eliminates all technical and functional requirements in reducing unwanted or loud noises. This knowledge-based product was coupled with nanotechnology and for the first time fibrous fiber structures were coated in an appropriate way to create sound insulation properties. This product has been the result of six years of advanced research and development in the field of sound and thermal insulation and its provisional patent has been filed in US (USPTO). The use of Rose SINTEX insulation, with a low thickness and proper weight, maintains the interior space of the site and provides properties such as high flexibility, ease of installation, and hydrophobicity .

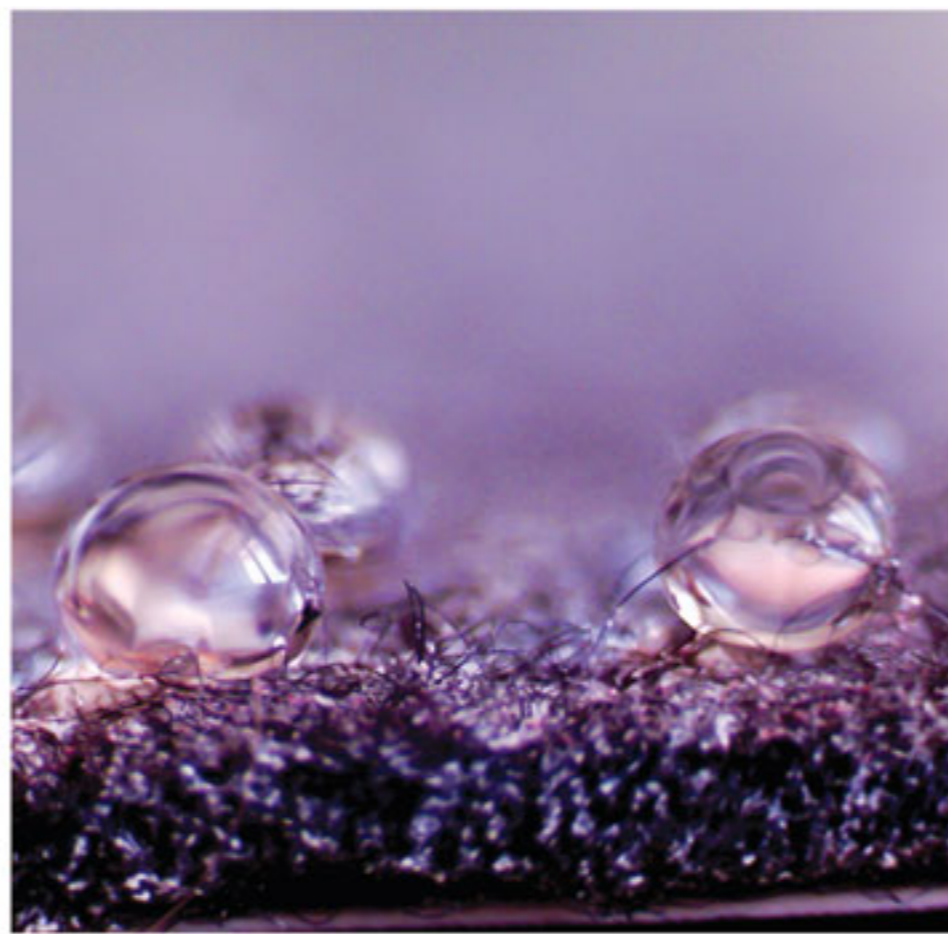


Attributes:

- Sound absorption (Impact and transmission noise reduction)
- No negative effects on the environment
- Hydrophobicity (Optional)
- Fire retardant (Optional)
- Thickness of less than 1 cm
- Flexibility
- Easy handling and adaptable to uneven surfaces
- Easily cut to shape
- No odor or toxic gas emissions
- Anti-bacterial property
- Saving internal spaces in comparison with the other insulating products
- Beautifully designed appearance with variety of colors (Optional)

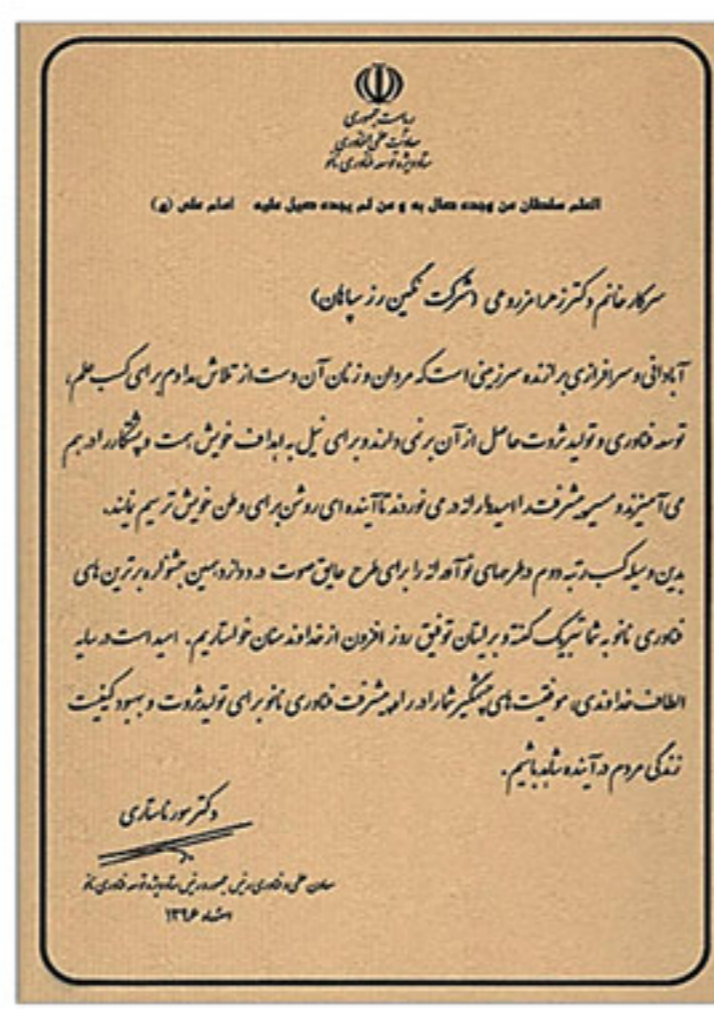
Rose SINTEX properties:

Pro. Name	Rose SINTEX
Application	Construction, transportation and equipment
Producer / Country	Negin Rose Sepahan/Iran
Dimension	Thickness 3-8 mm Width: 1, 1.5, 2, and 3 m Standard length: 30-50 m
Weight	400-1700 g/m ²
Number of layers	Use of one/several layers according to standards and costumes request
Appearance	Rolled blanket
Installation	Using glue or mechanical installation
Flexibility in shape	Yes
Water resistance	Yes (AATCC 193)
Fire-retardant/Self-extinguishing properties	Yes (ISO 11925-2 and ISIRI 7271-4 & 11901-16)
Sound absorption	Yes (ISO 10534 and ISIRI 10945 & 8184)
Airborne sound insulation	Yes (EN 140-3 & EN 717-1)
Impact sound insulation	Yes (EN 140-7 & EN 717-2 and ISIRI 8568-8 & 8834-2)
Compression	2-3% (ISIRI 7295)
Compression load (deformation 10%)	4.6 kPa (EN 826)
Abrasion resistance and no particles releasing	Yes (ASTM D4966-89)
Thermal insulation	Yes (Din 52612)
Thermal stability	Up to 150° C
Dying possibility	Yes
Negative effects on the environment	No
Color	Various
Smell	No
Reparability of damaged parts	Rapidly repairable



Certificates achieved for Rose SINTEX:

1. Technical certificates of Road, Housing and Urban Development Research Center, Iran
2. Acoustic certificates by Road, Housing and Urban Development Research Center, Sharif University and University of Isfahan, Iran
3. International US patent and Patent Cooperation Treaty (PCT) filing
4. Iran nanotechnology initiative council certificate
5. The best nano industrial product, Nano Award Ceremony, 2017
6. Selected by PIEC GLOBAL 2017, China
7. Invited in Nanotechnology Economy Forum, 2017
8. Invited as the successful knowledge-based product in Nanotechnology International Exhibition, 2017.
9. Certificates of Low thermal conductivity by Road, Housing and Urban Development Research Center, and Amirkabir University, Iran
10. Certificates of fire-retardancy by Road, Housing and Urban Development Research Center, Iran
11. Certificates of water-hydrophobicity by Road, Housing and Urban Development Research Center, and Amirkabir University, Iran
12. Certificates of non-compaction by Road, Housing and Urban Development Research Center, and Razi Metallurgy Research Center, Iran
13. Certificates of antimicrobial property by Pasteur Institute of Iran
14. Certified by the IHSRC - Iran Helicopter Support and Renewal Company





Rose Filter

Rose Filter
Negin Rose Textile Industries Co.



Dust collector media with various industrial applications

Applications:

Separation of solid particles suspended in the industrial environment such as:

- Cement, gypsum, mines, melting areas such as iron and steel, copper, aluminum, lead and zinc
- Wood and chipboard industry, automotive, battery, casting industry, micronized powders
- Petroleum and petrochemical industries, chemical industry, Ceramic tile, Asphalt industries
- Chemical and food industry (flour, pasta)



Fiber used in producing Filter medias:

- Polyester (PES)
- Nylon (NY)
- Polypropylene (PP)
- Aramide
- Graphite Fibers
- Metal fibers
- Polyacrylonitrile (PAN)
- Anti-Static Fibers
- (PPS)



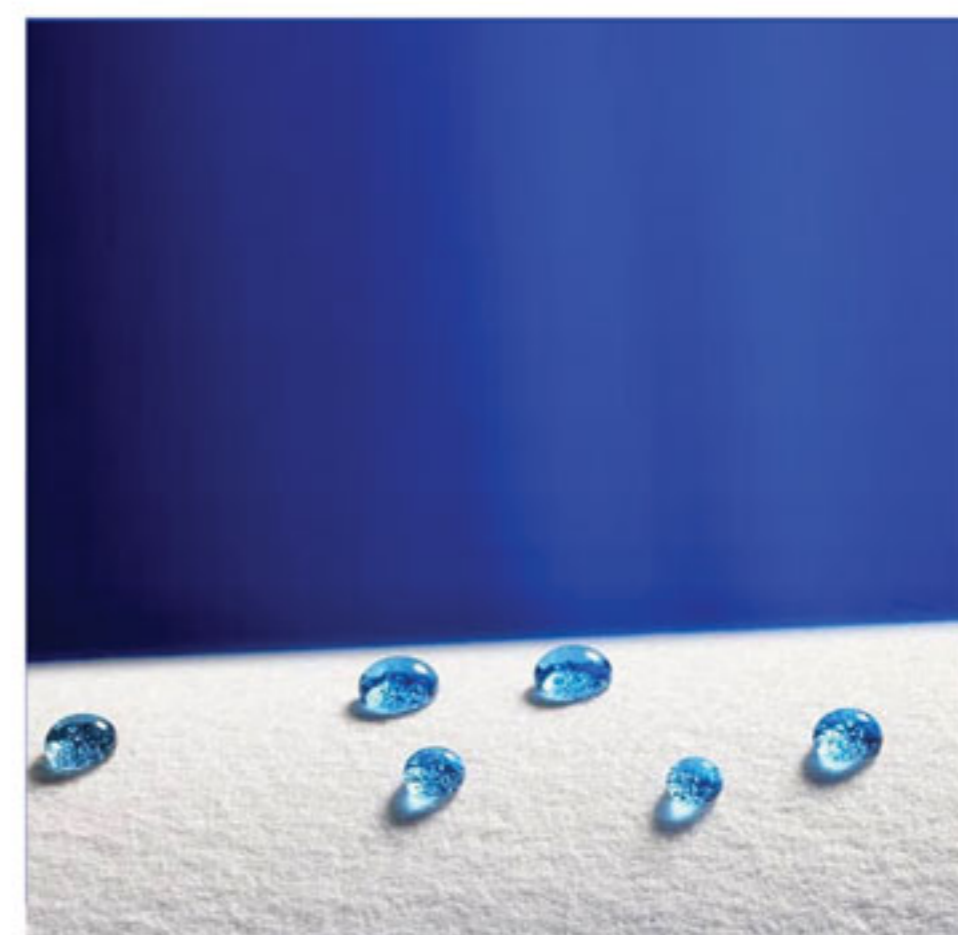
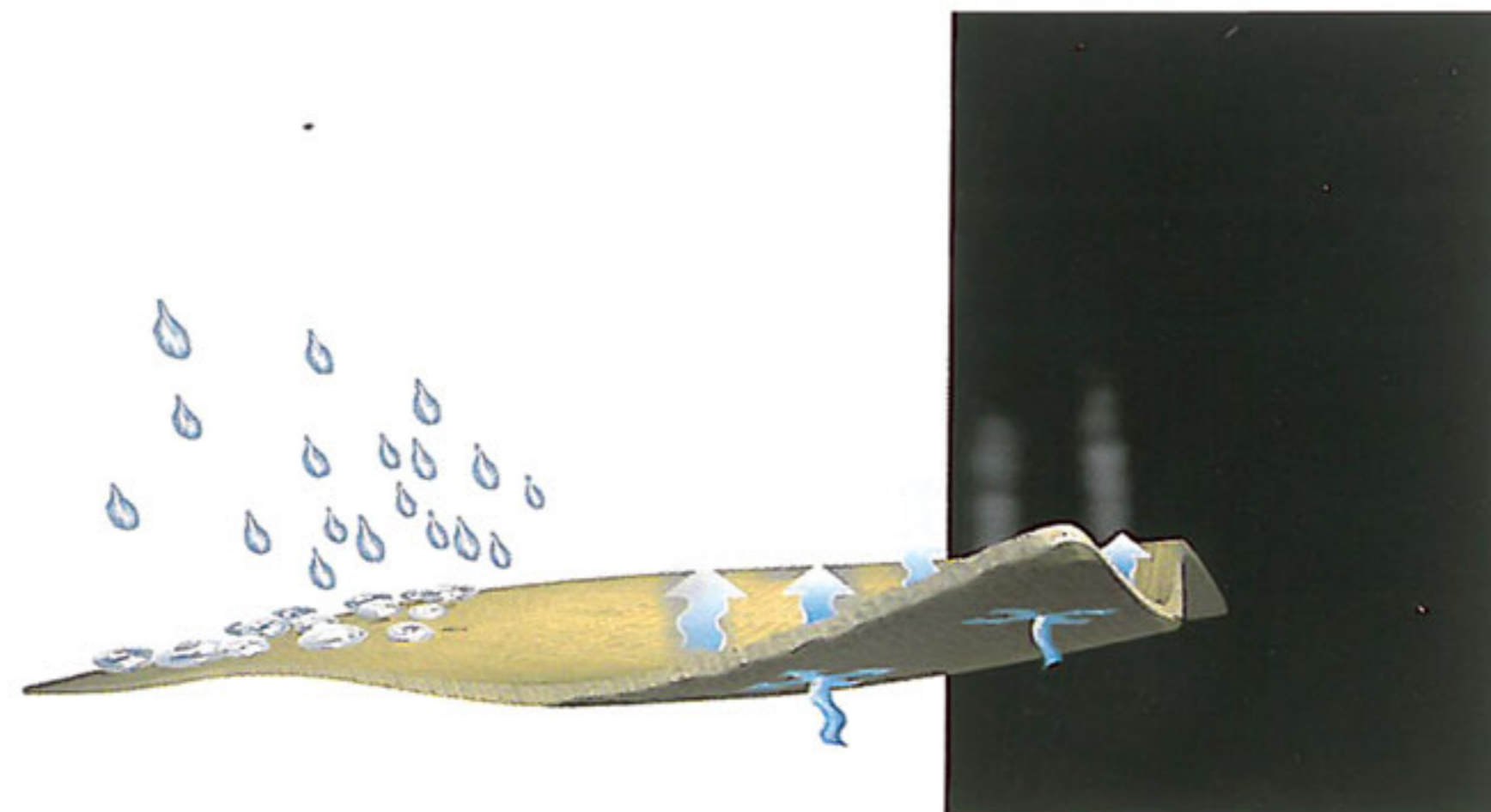
Surface treatmentn and finishing:

- Additional operations increase thermal power and resistance to flame and ignited particles in the environment
- Oil repellent finishing
- Water repellent finishing
- Dust contamination finishing in order to prevent dust and dirt absorption(in proportion to the type of ambient particles)
- Anti static treatment
- Thermal stabilization and increased physical and mechanical resistance
- Surface finish to reduce the effects of particle adhesion
- Calendaring operations
- Impregnation with Teflon materials and other chemicals to improve chemical resistance and physical properties

Products Rose Filter:

ROSE FILTER PRODUCTS			
FILTER MEDIA	FIBER	WEIGHT (G/M2)	FINISH
ROF 35 PE	PES	350	CA ,FL , WR , OR
ROF 45 PE	PES	450	CA , SFL,WR ,OR, FR
ROF 50 PE	PES	500	CA ,SFL,WR,OR,FR,GL,HS
ROF 55 PE	PES	550	CA,SFL,WR,OR,FR
ROF 70 PE	PES	700	CA,FR,OR,WR
ROF 50 PE/AS	PES	500	CA,AS,FL
ROF 50 PP	PP	500	CA

CA: Calendared
 SFL: Soft surface treatment
 SST: Soft Surface treatment2
 FL: Signed
 GL: Glazed
 OR: Oil repellent
 WR: Water repellent
 FR: Flame retardant
 SL: Soil repellent
 AS: Anti static
 HS: Heat set
 DS: Dimension stability





Rose Fiber

Rose Fiber
Negin Rose Textile Industries Co.

Manufactured goods

According to the fiber types, their technical characteristics and end-uses, products of the Rose Fiber Co. are divided mainly into five groups:

- Normal fibers (Carpets and etc.)
- Concrete fibers
- Rose Flock fibers (Broken fibers)
- Hygienic fibers
- Geo-textile fibers



• Normal Fiber:



Advantages:

Low density, High tensile strength, Colorless, Good resistance to acids, alkaline, and solvents, Low production cost compared to other thermoplastics

Applications:

Carpet and flooring products, Air filters, Back layer of carpets and rugs, Gunny yarns and ropes, Heat insulators

Concrete Fiber:



Advantages:

Crack reduction and prevention of crack propagation in concrete, Preventing components deposition and weight increasing of the concrete, Elimination of the concrete alkaline environment, Increasing concrete properties such as flexural strength, tensile, shear, and abrasion resistance, Reduction of materials penetration

Applications:

Concrete and mixtures of cement and plaster

• Rose Flack Fiber (Broken Fiber):



Advantages:

Resistant to abrasion and acid degradation

Applications:

Acidic batteries, Thin concrete layers

Hygienic Fiber



Advantages:

Possession of neutral nature in the body's living tissues, high gas permeability and fluid impermeability, moisture impenetrability

Applications:

Clothing and footwear, hospital cloths, all kinds of bags, outer layer on diapers, surgical cloths

Geotextile Fiber:



Advantages:

High tensile strength, light weight, flexibility, easy installation and transportation, high durability, low cost and long lifetime

Applications:

Separating layer of the road, road pavement, railway's substructure, dams, Geo membrane, erosion controlling, protective walls, protective and drainage systems for artificial grass, retrofitting the earth against earthquake, filter in irrigation channels, filter in embankment dams



Rose Masterbatch

ROSE

Masterbatch

Negin Rose Textile Industries Co.



Masterbatch



The Negin Rose Master-batch Manufacturing Unit has been operating since 1996 to supply the master-batches needed for polypropylene fibers. Nowadays, using the specialist advisers for Master-batch manufacturing industries, polymer compounds and synthetic fibers, the complex has been developing the master-batch unit to produce master-batches of textile grade, injection molding film and tubes.

The color-matching process for samples received from customers is executed in the shortest time possible by using the quality control equipment in the Unit. The manufacturing of the master-batch sample requested is possible using the equipment in the Master-batch Unit with high accuracy.



The company, with the help of a specialized advisor expert team and relying on the ability of its research and development forces, is able to manufacture the color-matchings and present the master-batch products in the following industries

Textile industries:

Including melting of short fibers and filament yarns, manufacturing of medical and sanitary nonwoven tissue, ropes, gunny weaving and packaging industries



Plastic Industries:

Includes polyethylene, polyester and polyamide based injectable particles

High-pressure polyethylene pipes (gas and water), Irrigation roll pipes, Polypropylene pipes and Geo-membranes

Disposable PET, PP, PE and PS containers, film, sheets and tapes, plastic cartons, packing belts



Company services:



Some of the company's services to the Master-batch customers includes:

- Using scientific and methodological processes of color matching and feasibility of products using the expertise of the research and development team.
- Application of suitable raw materials and pigments with appropriate quality and stability and optimization of product formulation in the desired applications of customers.
- Providing technical and expert advice to customers in areas related to the application of master-batch products
- Ability to add co-op products to achieve special properties such as antibacterial products, UV protection, longer life spans, flame retardant and anti-flammability properties according to customers' requests.



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Rose Holding

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کارخانه:

اصفهان، فلاور جان، شهرک صنعتی اشترجان،
خیابان ششم، فرعی سوم، پلاک ۲۱۳
کدپستی: ۸۴۶۵۱۹۶۶۱۷
تلفن: ۸-۳۷۶۰۹۴۲۴ (۰۳۱)
فاکس: ۳۷۶۰۹۴۲۹ (۰۳۱)
ایمیل: factory@neginrose.com

نگین رز

مجتمع صنایع نساجی نگین رز سپاهان (سهامی خاص)

دفتر مرکزی:

تهران، خیابان شهید مطهری، خیابان علی اکبری
خیابان صحافزاده، پلاک ۲۲، طبقه اول
کدپستی: ۱۵۷۶۹۴۵۱۱۱
تلفن: ۴-۸۸۵۱۵۴۸۱ (۰۲۱)
فاکس: ۸۶۱۲۱۸۰۹ (۰۲۱)
ایمیل: info@neginrose.com