

karıncafiltre

sanayi ve ticaret anonim řirketi

Karınca Filtre Sanayi ve Ticaret A.Ş.

Founded in 1994, Karınca Filtre is one of Türkiye’s leading local manufacturers. By producing both non-woven filter fabrics and ready-made filter bags, it offers effective solutions for dry and liquid filtration applications. Our products meet the highest industrial standards and serve customers across the globe.

Our fully automated production and sewing facility has been operating in Silivri since 1998. Located only 60 km from Istanbul, our facility covers 5,500 m² of indoor space and 28,000 m² of land, employing 75 dedicated Turkish staff members.

Since 1994, in addition to filter bags and filter fabrics produced with needle felt and weaving technologies, we also manufacture woven air slide canvas, technical felts such as transfer press felts, corrugated cardboard felts, laundry felts, and various technical textile products in our Silivri facilities.

As Türkiye’s only integrated filter fabric and bag production facility, we manufacture from a wide range of fibers such as Nomex, P84, PPS, Kermel Tech, Meta-Aramid, Polyester, Polypropylene, P-84, and similar fibers. Various finishes are applied to our filter fabrics, such as water/oil repellency, flame retardancy, antistatic treatment, and calendering, all of which are carried out entirely in-house with advanced technical processes.



Our Departments

1. Weaving Department

On our weaving looms, which have a wide raw material usage capacity; Kevlar®, Nomex®, Cotton, Polyester, Acrylic, Polypropylene, Rayton, Kermel, P-84, and similar synthetic or natural fibers are processed. In addition to filter fabrics used in dust and liquid filtration, woven filter fabrics and air-permeable conveyor belts are also produced. Our production is carried out on computer-assisted and high-capacity weaving machines.

2. Needle Felt Department

a) Filtration Products:

In our 5250 m² capacity production line, we produce with 7.2–5 dtex and within a weight range of 300–650 g/m². Fabrics made from Nomex, Cotton, Polyester, Acrylic, Polypropylene, Rayton, Kermel, P-84, and similar synthetic and natural fibers are manufactured for use in liquid and dust filtration.

b) Technical Textile Products:

In our 2000 kg capacity production line, we produce with a thickness of 1–45 mm and a weight range of 300–8000 g/m². From Nomex, Cotton, Polyester, Acrylic, Polypropylene, Rayton, Kermel, P-84, and similar fibers, we produce technical sanfor felts, transfer press felts, corrugated cardboard felts, laundry drying and ironing felts, as well as endless and endless-belt felt products.

3. Finishing Department

Our finishing lines include calendering, heat setting, coating, and tension fixing. Every type of surface coating, calendering, and fixing of filter and technical felts are performed in this department. Our products meet world standards with their high quality, smoothness, and physical properties. Hydrophobic (water repellent), Oleophobic (oil repellent), flame retardant, polyurethane, and PTFE coatings are also applied in this department.

4. Cutting and Sewing Department

With computer-controlled laser cutting and a daily capacity of 2000 bags (Ø 160 × 3600 mm), our automatic sewing line produces filter bags and filter fabrics cut according to customer measurements. The confection in our department is designed with adjustable molds and changeable sewing machines. This enables sewing filter bags and filter fabrics according to their specific features.

Our Products

Needle Felt Filter Fabrics:

Made from 100% original fibers and multifilament yarns with an inner woven structure. The fiber layer is bonded onto the inner fabric by needling. Produced within the weight range of 350–600 g/m².

Types of fibers used in production: Polyester, Acrylic, Polypropylene, Rayton (PPS), Nomex, Meta-Aramid, Kermel, and P-84. In addition to standard fibers, microfibers are also available.

Our products are enhanced through calendering, heat setting, and chemical treatments; finishes such as water/oil repellency (hydrophobic), flame retardancy, as well as coatings like PTFE membrane, PTFE lamination, polyurethane membrane, and lamination are applied.

With their resistance to high temperatures and abrasive environments, they are an ideal solution for cement plants, asphalt facilities, and industrial dust collection systems.

Woven Filter Fabrics:

Manufactured from staple, multifilament, and monofilament yarns for use in liquid filtration (e.g., sugar, oil, chemistry, and beer industries, wastewater treatment, etc.).

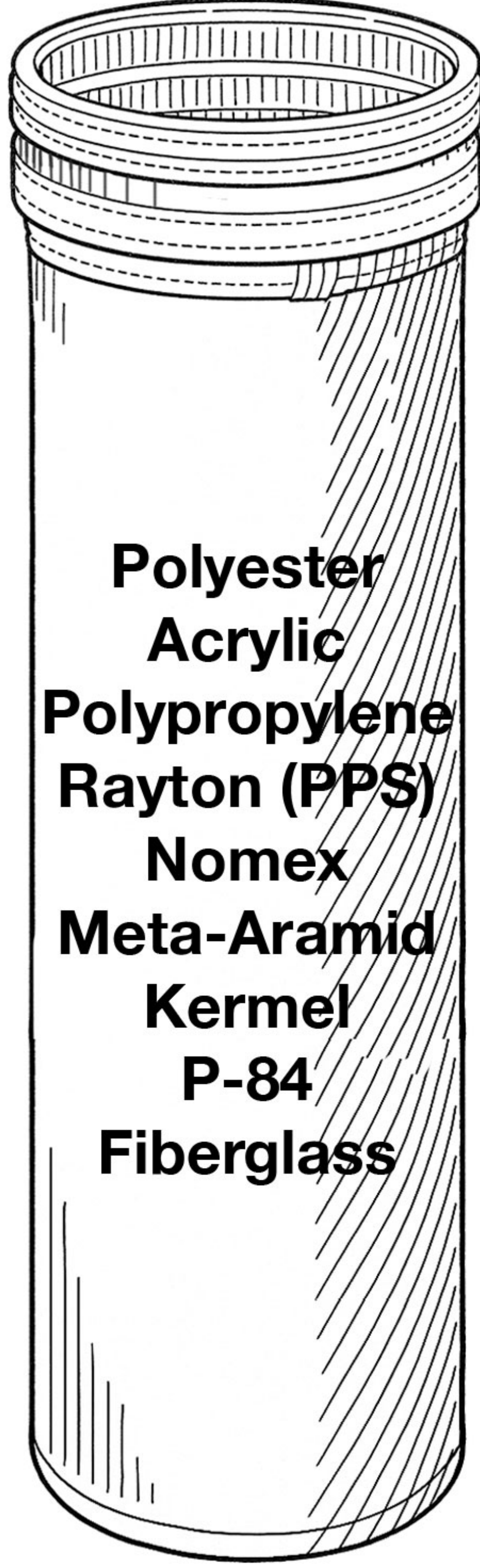
Air Slide Fabrics:

Produced from polyester- or aramid-based staple and multifilament yarns. Used in cement plants and bulk material handling systems.

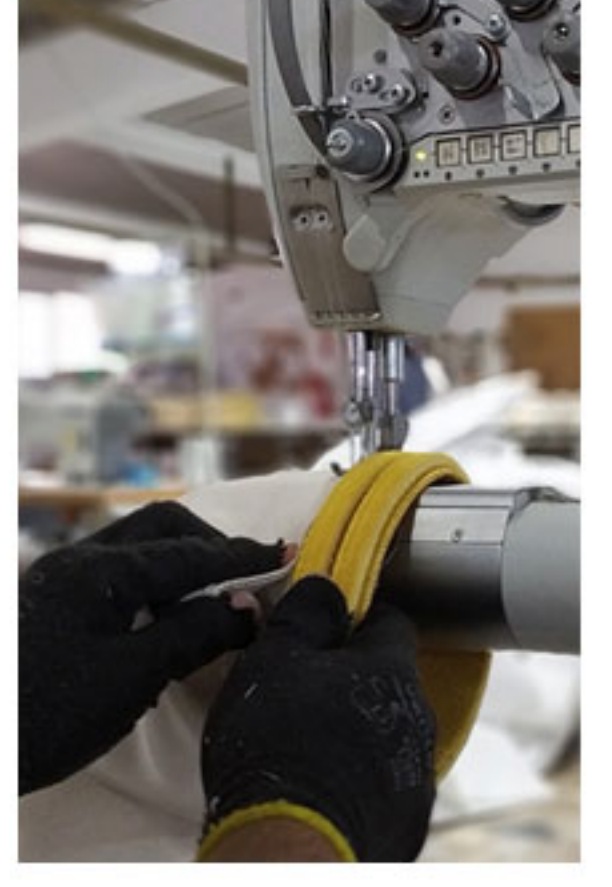
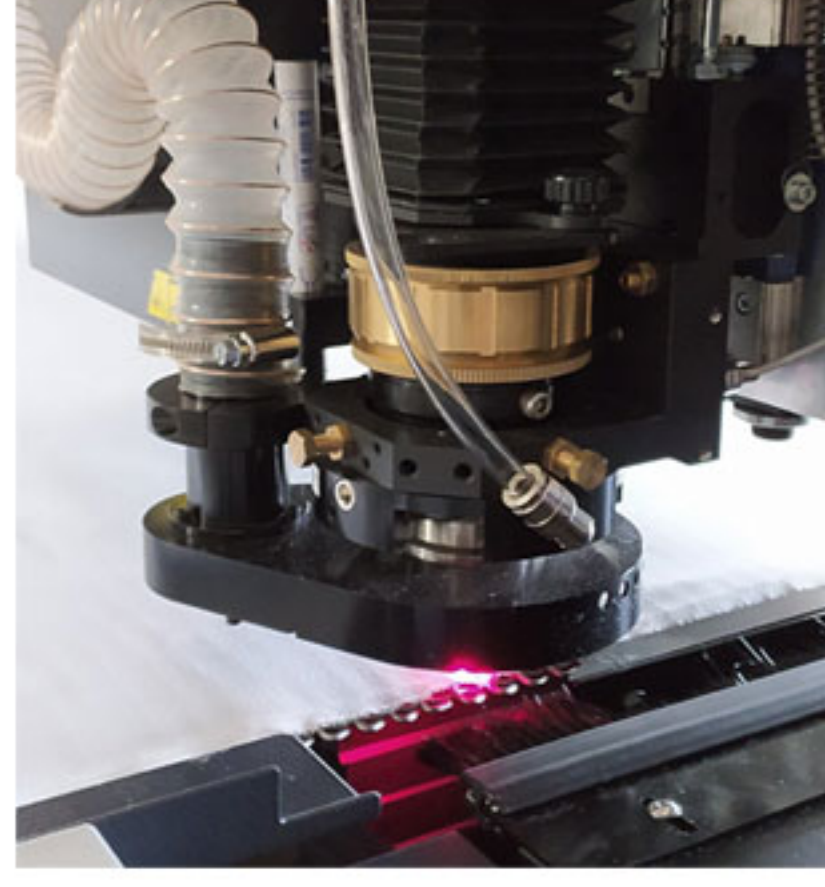
Technical Textile Felts:

We produce endless and seamed needled felts within the range of 80–12,000 g/m² and 1–40 mm thickness. These products are used in a wide variety of industries such as textiles, corrugated cardboard, laundries, aluminum production, and many other facilities.





Karınca Filtre continues to be a trusted brand in both domestic and international markets with its high-quality filtration solutions entirely manufactured in Turkey. With advanced technology and decades of experience, we provide tailored filtration solutions for industrial needs.



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