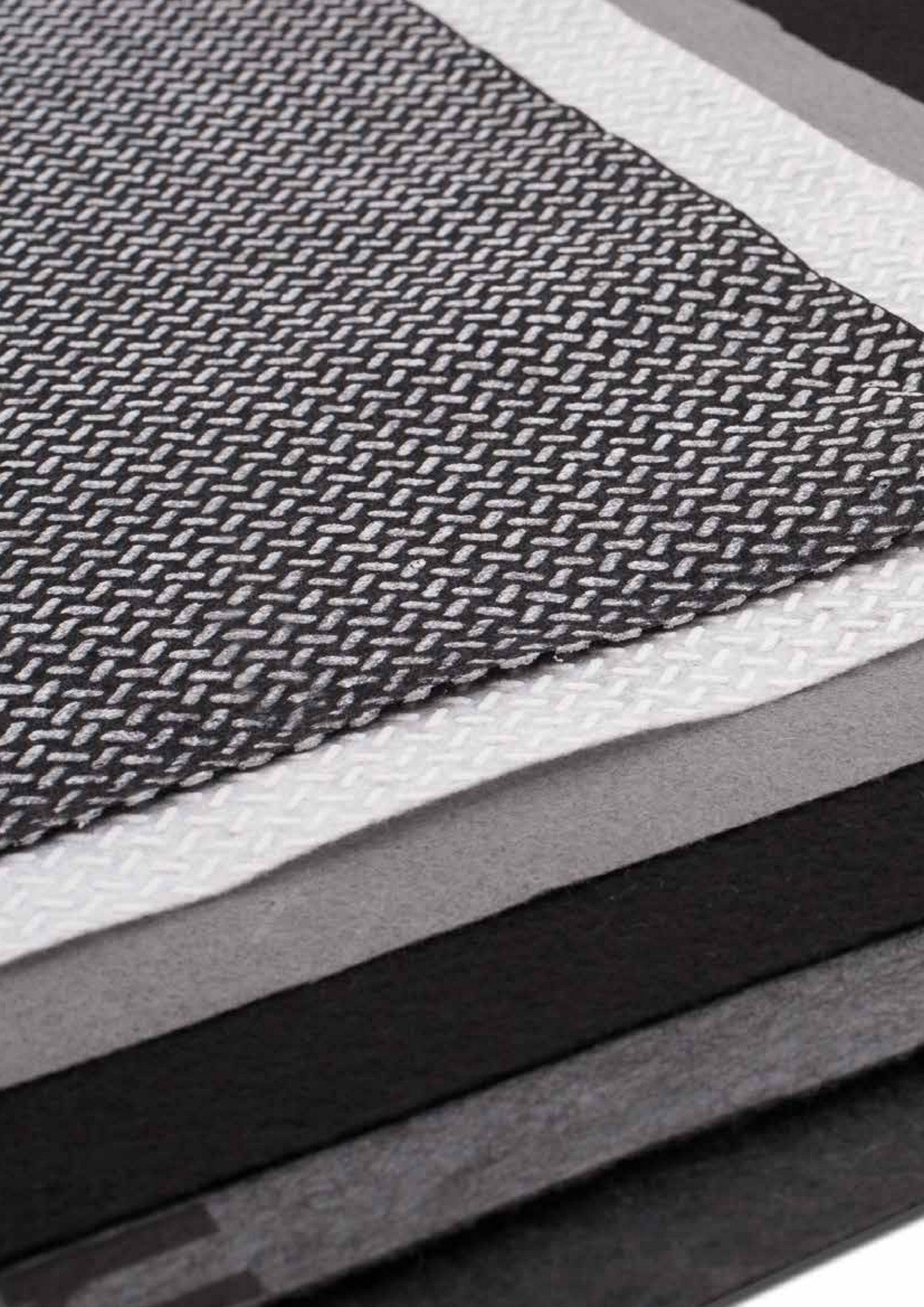




FURNITURE & BEDDING







Edilfloor is today one of the main suppliers of needlepunched technical textiles to the European upholstery and furniture industry.

Edilfloor supplies several mattress manufacturers worldwide with a large range of fabrics, not only simple needlepunched.

Present in the furniture and bedding market since 20 years now, Edilfloor has a long history of developing products with its customers by following market trends and by constantly updating the technology of its manufacturing units.

Considering our customers as partners and having with them a personal relationship is one of the key issues to be successful in this tough market: the availability of the sales team and the good service of the supplies make of Edilfloor a reliable partner for furniture and mattress manufacturers.

Every specific customer request for out-of-standard products is treated by creating small and quick working teams involving logistics, production and sales with the aim to rapidly satisfy customer needs.

An internal laboratory, equipped with the most modern technology, performs a large number of tests: mechanical, physical and durability performances of the different fabrics are measured to control the production quality and to analyze the statistical series. Special properties such as chemical characteristics are often tested in external laboratories worldwide.

A worldwide distributors network and a consistent inventory allow Edilfloor to quickly satisfy its customers' needs. The technical knowledge of the sales team and the fast availability of many technical documents is also a key factor to Edilfloor success.

A real commitment to improve its quality system and to reduce the environmental impact of its industrial activities is recognizable throughout the whole Edilfloor history.

THERMOFELT® RANGE

- The standard THERMOFELT® range is made by polypropylene and polyester needlepunched fabrics, specially designed for the furniture and mattress industry.
- Embossed needlepunched nonwovens are since 10 years now part of the standard offer of Edilfloor: brown, beige, sand, black and grey are the colors always available on stock for small and big users.
- Printed fabrics are available in large widths (ideal especially for mattresses) and in one or two colors; dyed fabrics are also available for small lots and in a large range of colors.
- Two types of antislip fabrics have been developed with different characteristics: they're available in 160 cm maximum width in many different colors. Durability is guaranteed by the high standards of our quality control system.

THERMOFELT®

NONWOVEN FABRIC FOR INDUSTRIAL USES

Edilfloor's THERMOFELT® range is made by polyester and polypropylene fabrics, available in **several weights, sizes and colors**: from beige to black, from cognac to grey, from brown to green and a lot more. The range of weights goes from 60 to 400 g/m². Many different roll sizes are available: mother rolls or standard length rolls, narrow widths or larger rolls up to 5 m.

THERMOFELT® fabrics are available in the versions **thermobonded on one side (T1) or both sides (T2)**. T1 attaches very strongly to Hook & Loop strips with high abrasion resistance and T2 shows very high strength and tear resistance with low deformation.

Edilfloor's THERMOFELT® fabrics are made by 100% synthetic fibers, resistant to microorganisms and molds, perfectly hygienic and not toxic, permeable to liquids and gas, they do not pollute the environment and they are **100% recyclable**. During the production process, no glues or chemical binders are used: this is one of the reason why Edilfloor's nonwovens are eco-friendly.



ADVANTAGES

Thanks to its low deformability, THERMOFELT® can be easily sewn, cut, bonded, coated, glued, ultrasonically welded, printed, embossed, laminated, clamped, washed.

APPLICATIONS

Here some application details referring to how THERMOFELT® can be used in the furniture industry:



cushion reverse fabric



sewing & junction reinforcement



inside lining & pull strips



dust cover

FOCUS

Washing and cleaning PP fabrics

PP fibres, owing to their chemical (paraffinic) composition, do not absorb and do not react with the various staining agents: a mechanical removal of staining agents entrapped by capillarity in the fibre is the most efficient cleaning methods. 100% PP fabrics dry very rapidly because of the low moisture absorption of the fibre. As to the stability to the different types of washing processes, the following remarks apply: laundering: when necessary PP items can be washed at temperature up to 100°C; dry cleaning: owing to the sensitivity of PP to hot chlorinated solvents, it is recommended not to exceed 50°C during cleaning and 40°C during drying.



FR THERMOFELT®

FLAME RETARDANT FABRIC FOR FURNITURE AND AUTOMOTIVE INDUSTRY

Edilfloor FR products for the automotive and furniture industry are made of 100% polypropylene fibers and are 100% recyclable. Edilfloor manufactures **flame retardant needlepunched fabrics** tested according to **BS 5852-1/79** (schedule 4-part II and schedule 5-part III) for upholstery and furniture: the products are tested once every 6 months in several European laboratories.

FR THERMOFELT® is also manufactured for the automotive industry: it matches the severe **FMV SS302** test with a very low flame failure occurrence. A specific process control method and a very strict reaction plan are stated in accordance with Edilfloor customers requirements.



ADVANTAGES

- very low FR failure occurrence
- high durability of all the additives
- high chemical resistance
- FR additive halogen free
- odorless, resistant to mold, insects, microorganisms
- easy to handle and cut, flexible
- 100% PP and **100% recyclable**

APPLICATIONS

- sewing and junction reinforcement
- cushion reverse fabric
- pull strips
- inside lining
- dust cover

FOCUS

Chemical resistance

PP fibres show great chemical performances with both acids and alkalis. THERMOFELT® undergoes an accurate list of tests to check its chemical resistance: the absence of dimethyl fumarate and aromatic amines; the antibacterial and antifungal activity, IKEA IOS-MAT are some of the examples. All THERMOFELT® nonwovens have a fiber composition matching with REACH requirements.



EMBOSSSED THERMOFELT®

EMBOSSSED FABRIC FOR FURNITURE AND MATTRESS INDUSTRY

- PP needlepunched nonwoven with an embossed face
- available versions: it exists only one pattern with lozenges (14x14 mm)
- maximum production **width: 1600 mm**
- available colors: beige, sand, brown, black, grey
- available **weights: 120 g/m² only**



ADVANTAGES

- even distribution of the fiber all along the width and the length of the roll
- great mechanical performances of strength and tear resistance
- resistance of the colors to washing processes
- odorless, resistant to mold, insects, microorganisms
- easy to handle and cut, flexible
- eco-friendly and recyclable

APPLICATIONS

- sewing and junction reinforcement
- cushion reverse fabric
- pull strips
- inside lining
- dust cover

FOCUS

Quality system

The product has been manufactured according the Edilfloor Quality System regulated by EN ISO 9001:2008 with the aim to get the complete customer satisfaction. The high standards of our internal quality control process are the guarantee of the respect of the technical parameters and of the achievement of a high level of reliability and durability of this product performance.



ANTISLIDE THERMOFELT®

ANTI-SLIP FABRIC FOR FURNITURE AND MATTRESS INDUSTRY

- PP needlepunched nonwoven with an antislip face
- the antislip side can be made by small dots (or similar patterns) or with a uniform coated surface
- maximum production **width 1600 mm**
- available colors: white, beige, brown, black, grey, anthracite
- available **weights: 100 - 120 g/m²**
- customized version available with trademarks or logos



ADVANTAGES

- even distribution of the anti-slip layer all along the roll
- strong and long lasting anti-slip effect
- high durability of all components
- lower price compared to equivalent products
- odorless, resistant to mold, insects, microorganisms
- easy to handle and cut, flexible
- eco-friendly and recyclable



APPLICATIONS

The product can be used as an anti-slip layer on the upper side of the bed base or on the bottom side when manufacturing double beds. The fabric can be applied in strips or on the whole surface.

The fabric is used as an anti-slip layer on the bottom side of the back leather cushion to avoid any slippery on the seat leather cushion.



PRINTED THERMOFELT®

NEEDLEPUNCHED PRINTED FABRICS FOR FURNITURE AND MATTRESS INDUSTRY

- PP needlepunched nonwoven printed on one side
- available versions: the printing can be made with one or two colors
- maximum production **width: 3200 mm**
- available colors: white, beige, brown, black, grey, anthracite
- available **weights: 100 - 150 g/m²**
- printing available on the smooth or on the stiff side

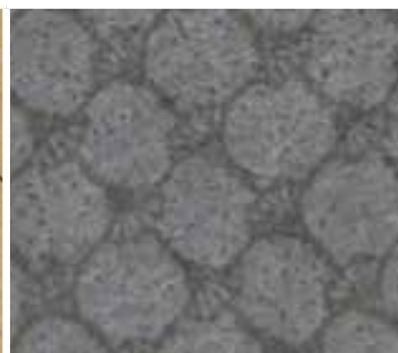
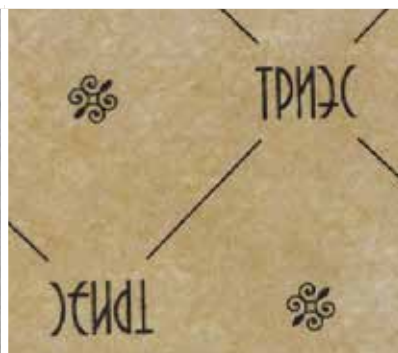
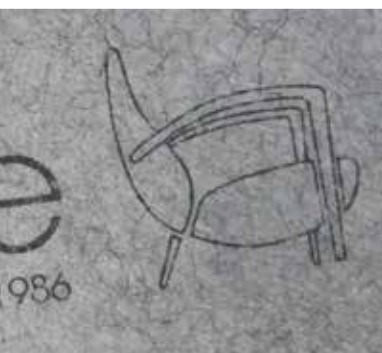


ADVANTAGES

- long lasting printing effect even on pp fabrics
- lower price compared to equivalent products
- possibility to print any type of logo/pattern upon customer request
- small minimum quantity and availability of single rolls for testing purposes
- 2 colors printing available

APPLICATIONS

The product is mainly requested by many sofa producers for their top quality range; the large production width makes these fabrics interesting also for the mattress industry. All types of logos, images or writings can be easily printed.

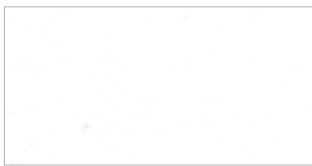




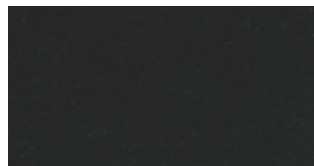
COLORS

The THERMOFELT® color range is made by permanent melt-dyed colors, standard colors are available with small minimum order quantity.

MELT-DYED COLORS



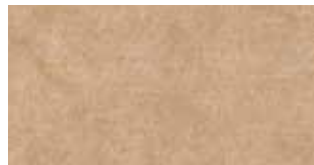
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item: THERMOFELT P



code: C01 black
item: THERMOFELT PN



code: C09 beige
item: THERMOFELT PBEIGE



code: C13 sand
item: THERMOFELT PSAND



code: C14 peanut
item: THERMOFELT PBA



code: C15 cognac
item: THERMOFELT PBR



code: C73 silver grey
item: THERMOFELT PSILVER



code: C70 light grey
item: THERMOFELT PGN



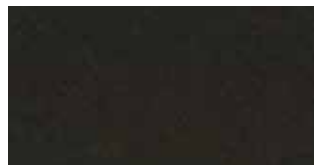
code: C71 grey mix
item: THERMOFELT PGNN



code: C72 anthracite
item: THERMOFELT PANT



code: C80 brown
item: THERMOFELT PM



code: C81 dark brown
item: THERMOFELT PDARK



code: C60 green
item: THERMOFELT PVR



code: C61 mint green
item: THERMOFELT PVR



code: C30 red
item: THERMOFELT PR



code: C50 oxford blue
item: THERMOFELT PBL



code: C52 sky blue
item: THERMOFELT PCL



code: C53 avio blue
item: THERMOFELT PBL





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