

# **BREATHAIR® TAKE COMFORT TO THE NEXT LEVEL**

An air-permeable and lightweight  
3D structure for innovative  
cushion materials

## THE INNOVATIVE SOLUTION FOR CUSHION MATERIALS.

BREATHAIR® is the innovative, non-woven 3D spring structure solution for wherever you sit, stand, lay down, and relax. From a slim, flexible protective layer to a thick, sturdy cushion, BREATHAIR® is one material for multiple uses and applications.

If you are looking for high-quality, durable, 100% recyclable materials to include in your eco-friendly furniture designs, BREATHAIR® is the right choice for you.



BREATHAIR®, the embodiment of comfort, well-being, durability and lightness, compared to polyurethane foam at the same level of hardness.

## WHERE COMFORT IS THE KEY.

While furniture is a statement of taste and style that one can see, BREATHAIR® is a statement in comfort that one can feel, which ultimately impacts the overall human experience.



FIND OUT  
MORE

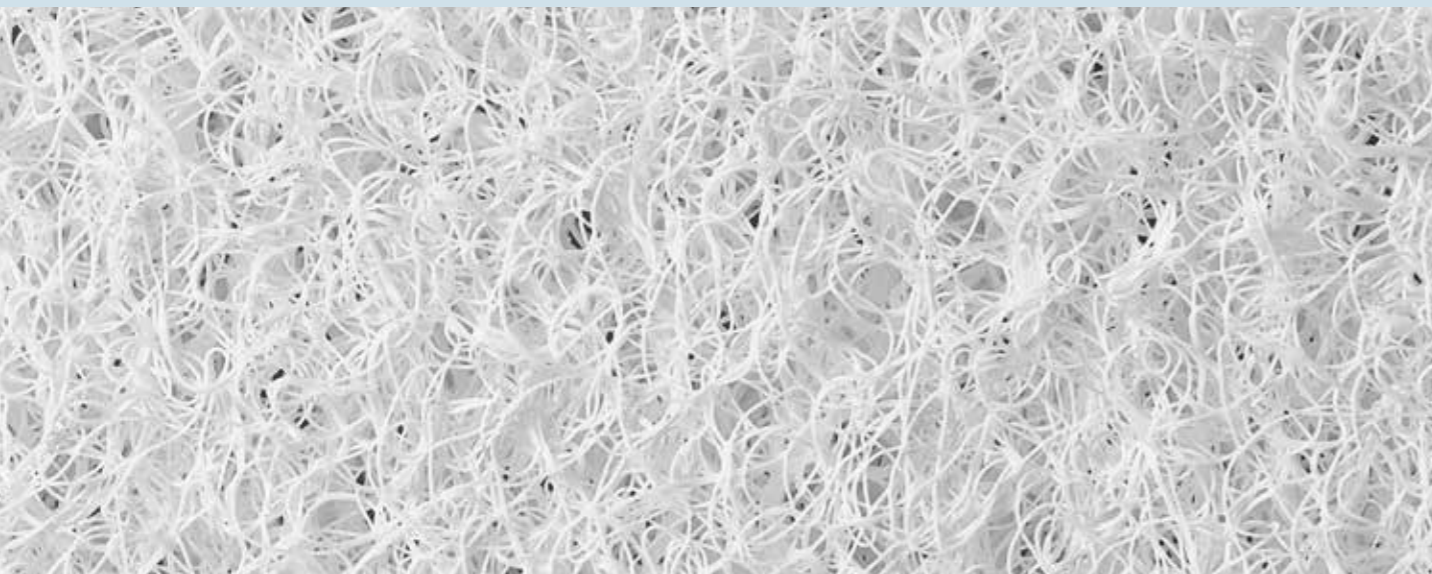


The components of a furniture product are vital to its function and design. BREATHAIR® is an exceptional addition that, not only provides comfort, but also sustainability, durability, and high-end performance, adding to the overall value of your product. In addition to its unique characteristics, BREATHAIR® also provides excellent hygiene properties.

## FEATURES AND BENEFITS.

BREATHAIR® is made of PELPRENE®, a special polyester-based thermoplastic elastomer that gives it ideal material properties. Its features of both rubber and engineering plastics make it exceptionally durable.

With long-lasting compression recovery for superb cushioning, BREATHAIR® also prevents bedsores due to its good body pressure distribution.



BREATHAIR® can be designed according to performance requirements by adjusting thickness and density offering a customized solution. Its density ranges from 30 to 150 kg/m<sup>3</sup>, and its width ranges from 60 to 140 cm. Thickness ranges from 30 to 100 mm, and length ranges from 60 to 210 cm.

From a slim, flexible protective layer to a thick cushion, BREATHAIR® is a versatile material suited for multiple applications.



*Experience comfort like never before*

*For a new perspective on furniture*



HEALTHY



HYGIENIC



WATER PERMEABLE



AIR PERMEABLE



3D MATERIAL



100% RECYCABLE MATERIAL



**NATURALLY  
COMFORTABLE.  
SUSTAINABLY  
DESIGNED.**



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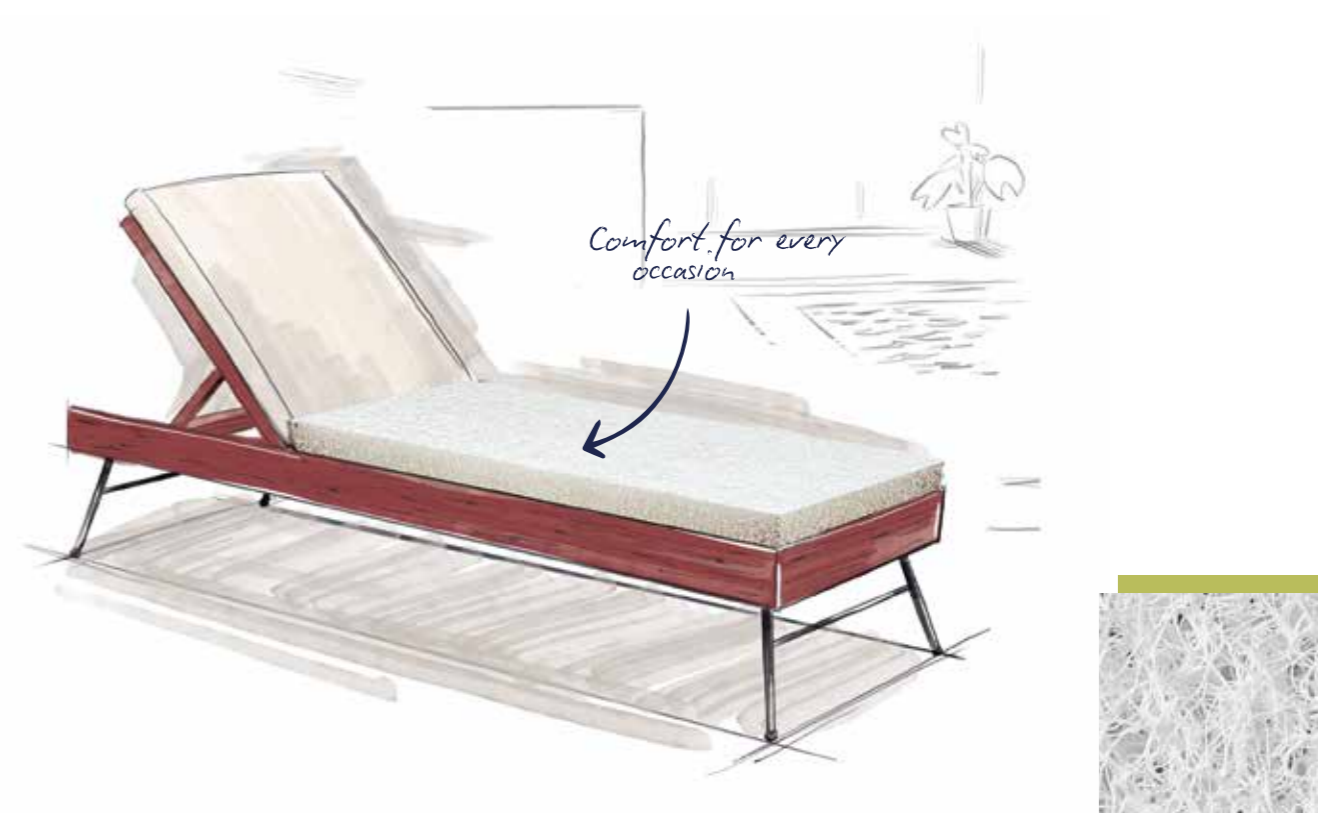
## COMFORTABLE. COZY. SUSTAINABLE.

### FULFILLING YOUR INDOOR NEEDS

BREATHAIR® is the ideal solution for modern interior design ideas. With its antibacterial properties and long-lasting compression recovery, BREATHAIR® is the perfect filling material for sofas, lounge furniture, armchairs, and much more!

- Long-lasting compression recovery for superb cushioning
- High-structure retention
- Improves blood circulation
- Promotes good body pressure distribution (tested and approved for medical application)
- Hygienic and anti-allergic
- Prevents mold and bacterial growth due to its high breathability

The mentioned product features apply to both areas of application



## HYGIENIC. DURABLE. WATER-REPELLENT.

### FULFILLING YOUR OUTDOOR NEEDS

Outdoor furniture made with BREATHAIR® stands out for its exceptional longevity and, thanks to its light weight, it's quickly available where needed!

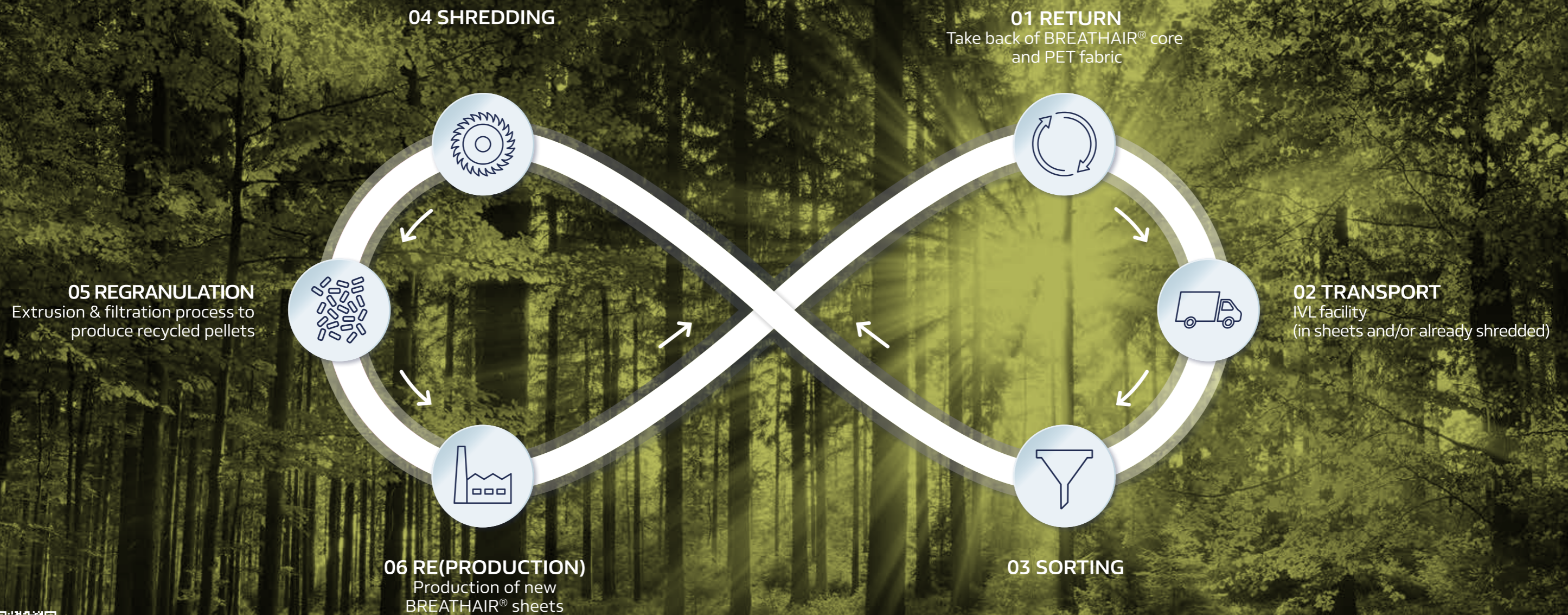
- Highly water-repellent and easy to wash
- Flame-retardant (FR)
- Suitable for ozone sterilization
- Easy to handle and maintain due to its light weight
- 100% mechanically recyclable and therefore ready for circular economy
- Hygienic and anti-allergic
- Quick-drying (depending on the texture of the fabric)

The mentioned product features apply to both areas of application

## SUSTAINABLE PRODUCTS AND PROCESSES.

BREATHAIR® can be mechanically recycled with very low energy input, resulting in the production of new cushion core mats. With a up to 70% lower CO<sup>2</sup> footprint in the production of BREATHAIR® compared to standard PU foam, this makes a significant contribution to sustainability.

Together with our customers, we are building the necessary collaborations at all stages along the value chain, thus closing the loop!



FIND OUT MORE

# YOUR ADDITIONS TO OUR SOLUTIONS.

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**BREATHAIR**<sup>®</sup>





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