Press release

Dyntex GmbH

**Dyntex puts its first functional textiles made of recycled car tires on the market**

Ultralight fabrics made of post-consumer recycled (PCR) material contribute to sustainability

*Bregenz, 4 May 2022 – Dyntex, a developer and manufacturer of functional materials based in Bregenz, Austria, offers premium fabrics made from recycled car tires. Using its innovative thermochemical process, it recovers a polyamide polymer from old tires. This polyamide polymer is made into a fine yarn and then processed to make an ultralight, functional fabric. There is great interest in the sustainable material.*

Quality fabrics made of old car tires: Using a new thermochemical process, the company obtains a pyrolysis oil from shredded tires and makes a polyamide polymer from that oil. The raw material consistsof post-consumer recycled (PCR) material and is processed into yarn in Italy.

Working with specialists from Japan and Italy, Dyntex has developed ultralight, high-tech functional textiles from the yarn. The newly developed collection includes eight different fabrics, with the lightest weighing just 36 grams per square metre. Featuring a special look and feel, they are ideal for adding a fashionable touch to sportswear and functional apparel. These fabrics are available to purchase right now.

**Low on resources and high-grade**

‘We take materials that have become unusable and bring them back into the circular economy. They barely need any fossil resources in production, which means they achieve a massive carbon footprint reduction,’ explains Alexander Gächter, Head of Sales at Dyntex.

The recycled fabrics meet the same high standards that fabrics made of newly produced polyamide do. Like all Dyntex functional fabrics, they are water-repellent, breathable, fluorocarbon-free and highly long-lasting even under heavy usage. Consequently, the new textiles are ideal for sports- and lifestyle fashion as well as workwear.

**A growing market** **for sustainable fashion**

The market for sustainable fashion has been growing strongly for years now. Accordingly, there is high demand for functional fabrics made of recycled material. Dyntex is one of the pioneers in this field, as this company from the Alps put the world’s first functional textiles made of biosynthetic yarn (Dyntex® Biological Origin) and biodegradable fabric (Dyntex® Biodegradable) on the market back in 2020.

‘Our sustainable, functional textiles caused a commotion in the industry two years ago. Our collection that uses recycled car tires as a base material is going to be another milestone,’ says Gächter confidently, ‘This innovation shows the edge that we have in developing and producing environmentally friendly, functional textiles.’

**Information: www.dyntex.eu**

**Fact box:**

**Dyntex’s recycled functional textiles**

- Innovative recycling technology that reuses post-consumer materials

- Ultralight functional fabric starting at 36 gr/m2

- Consumes few resources and is sustainable

- Breathable, water-repellent and very long-lasting

- Applications: sportswear, outdoor clothing, lifestyle fashion and workwear

**Captions:**

**Dyntex-Recycling-1.jpg:** Dyntex is ensuring innovation in the market for sustainable sportswear and lifestyle clothing with its premium functional fabrics made from recycled car tires.

Photo: Shutterstock/Maksim Safaniuk. Copies of any photograph are royalty-free if used for reporting about Dyntex. A photograph credit is required.

**Dyntex-Recycling-2.jpg:** Dyntex is ensuring innovation in the market for sustainable sportswear and lifestyle clothing with its premium functional fabrics made from recycled car tires.

Photo: Othmar Heidegger. Copies of any photograph are royalty-free if used for reporting about Dyntex. A photograph credit is required.

**Dyntex-Alexander-Gaechter.jpeg:** Alexander Gächter, Head of Sales, is convinced that Dyntex can make another important contribution to a circular economy with its innovative functional fabrics.

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