

Shipping goods with reduced environmental impact

Industry innovation: Storopack's new FOAMplus® 5504RC foam with renewable content

FOAMplus® 5504RC
packaging foam

Metzingen, September 2020. The protective packaging specialist Storopack is introducing the new FOAMplus® 5504RC packaging foam to the market, the first polyurethane foam in the packaging industry with renewable content weighing just 0.30 pounds per cubic foot. The sustainable, environmentally responsible FOAMplus® 5504RC foam consists partly of a sugar-based material obtained by renewable sources and will satisfy the most rigorous cushioning demands. FOAMplus® foam packaging is an 'on demand' packaging solution that, when the two liquid components mix together, will expand to (H)CFC- and HFC-free polyurethane and up to 220 times their liquid volume. As the foam expands, it takes on the shape of the packaged goods as it hardens, thus making it perfect for cushioning, void filling, and shock absorbent. The high compression strength of the packaging foam reliably protects even heavy goods such as mechanical and electronic parts as well as parts of the automotive industry. In addition, the foam pads can be reused multiple times. The extremely lightweight packaging solution reduces shipping weight and the need for oil-based foams.

Outstanding protective properties

"Protective packaging that saves resources is important within our industry and elsewhere, too," says Marco Corradi, Product Manager for FOAMplus® at Storopack. "We attach great importance to the development of such protective packaging. Our new FOAMplus® 5504RC polyurethane foam is the first with renewable content with just 0.30 pounds per cubic foot in the foam packaging market – and our customers can expect the usual outstanding protective properties of our FOAMplus® foam packaging." Starting from the sugar cane, sucrose based polyols are produced and deployed in the production of polyurethane foams. They have similar material properties as the oil based ones and can be further processed into high-quality protective packaging. FOAMplus® 5504RC is now available from Storopack in North America.



Figure 01: FOAMplus® 5504RC foam consists partly of a sugar-based material and is the first polyurethane foam in the packaging industry with renewable content and with just 0.30 pounds per cubic foot. **Image: Storopack**



Figure 02: FOAMplus® foam packaging is especially light, takes on the exact shape of the shipped goods, and reliably absorbs knocks. **Image: Storopack**

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About Storopack

Founded as Johannes Reichenecker leather tannery in 1874, since 1959 Storopack Hans Reichenecker GmbH based in Metzingen, Germany, is a specialist for protective packaging. The globally active company produces and supplies made-to-measure and flexible protective packaging for various areas of industry. Storopack is present with own production locations and branch offices in Europe, North America, South America, Asia and Australia. 2,470 employees work for Storopack worldwide. In the year 2019 Storopack generated sales of 479 million Euros. Storopack products are available in more than 50 countries. Further information on www.storopack.com

Press Contact:

Leonie Storz
Storopack Hans Reichenecker GmbH
Untere Rietstraße 30
72555 Metzingen
Telefon: +49 7123 164-227
Telefax: +49 7123 164-119
leonie.storz@storopack.com

René Jochum
Communication Consultants GmbH
Breitwiesenstraße 17
70565 Stuttgart
Telefon: +49 711 9 78 93-35
Telefax: +49 711 9 78 93-44
jochum@cc-stuttgart.de /
storopack@cc-stuttgart.de