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PRESS RELEASE

## **New "Ultrathin Coating" process enables production of particularly lightweight and cost-effective Film/nonwoven composites**

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Reifenhäuser Cast Sheet Coating will showcase a completely new production process for cost-effective film/nonwoven composites with outstandingly low grammage, which allows economical production also in Europe.

The Covid-19 pandemic and current supply shortages have exposed the dependence of companies on global supply chains. This situation is both a warning signal and an opportunity to boost and reorganize the local production of semi-finished products from the ground up. Reifenhäuser Cast Sheet Coating has now developed a trend-setting production process termed Ultrathin Coating, in particular for the sector of medical protective clothing. The process will permit customers to produce particularly lightweight film/nonwoven composites with greater cost efficiency and, as a result, more competitively.

The patent-pending process has several advantages: It cuts film grammage by 66%; material consumption in the overall composite is reduced by 28%; and it slashes costs by up to 34% compared to conventional semi-finished products. Significant cost savings are achieved in various ways, for example, by replacing hotmelt adhesives, which rises line availability by reduced maintenance effort at the same time.

Mark Borutta, Sales & Marketing Specialist at Reifenhäuser Cast Sheet Coating, explains: "We are currently experiencing a sustained increase in demand for medical protective clothing combined with a return strategy for

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local production capacity. Against this backdrop, producers achieve a fast return on investment and high profitability with Ultrathin Coating - even when production is based in Europe."

Even if manufacturers already produce medical protective clothing and prefer to handle the coating process internally in the future instead of importing the necessary composites, it is worthwhile to set up an in-house production facility. In either case, the investment in Ultrathin Coating usually pays for itself in less than 12 months. The lower material input also reduces the consumption of fossil raw materials and this in turn responds to the increased demand for more sustainable products.

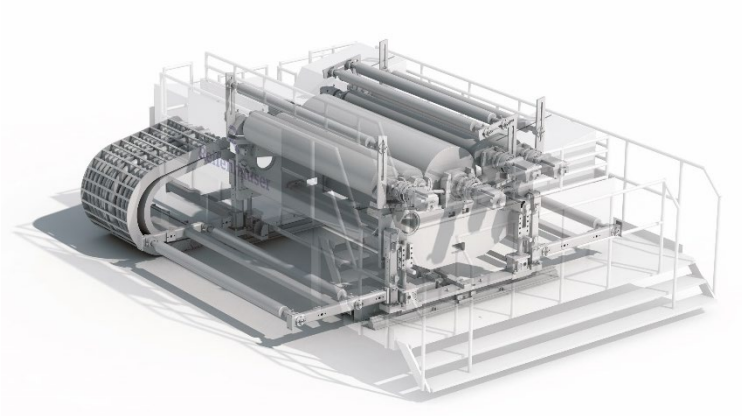
What is so special about Reifenhäuser Cast Sheet Coating's solution is that its sister company, Reifenhäuser Reicofil, an experienced and global leading manufacturer of nonwoven lines, provided their invaluable support to the development. Customers already operating a Reicofil nonwovens line or installing a new one will thus receive a perfectly matched extrusion coating line for seamless semi-finished product production.

#### **Ultrathin Coating at K 2022:**

REIFENHÄUSER MAIN BOOTH: **Hall 17 / C 22**

#### **About the Reifenhäuser Group**

The Reifenhäuser Group is the leading provider of innovative technologies and components for plastics extrusion. Founded in 1911, the company supplies high-technology solutions all over the world. With its technologies and the know-how of its 1,750 employees, Reifenhäuser has the world's largest network of expertise in plastics extrusion technologies. The CEO of the Group is Bernd Reifenhäuser.



**LAMICOR-CL Laminator: The heart of the Ultrathin Coating extrusion coating line.**

Picture: Reifenhäuser