

Press release**When performance matters: Heraeus Covantics presents new product – made in Germany – at the W3+ Fair in Jena**

Hanau, 11.09.2025 – Heraeus Covantics will present Suprasil® SmartPlate, a new solution for high-performance laser optics, at the W3+ Fair Jena 2025 (September 24–25, Sparkassen-Arena), a new raw material solution for high-performance laser optics. The trade fair brings together experts from the fields of optics, photonics and precision mechanics, providing an ideal environment for technological inspiration and practical discussions.

Heraeus Covantics, with many years of expertise in ultra-pure fused silica, offers Suprasil® SmartPlate, an optical material that meets the highest technical standards: The plate combines a sophisticated thickness-to-area ratio with very low absorption and high laser resistance, making it a robust solution for modern high-performance systems. In high-performance laser mirrors, cutting and welding optics, medical laser devices, and research lasers in the NIR range, it offers stability, thermal resistance, and precise power management.

“Quickly available, variable in size and with adjustable optical properties—with Suprasil® SmartPlate, we can reliably offer exactly that,” explains Dr. Frank Nürnberg, Global Head of Sales Optics at Heraeus Covantics.

Visit us in Hall 2 at booth E2a and talk to our experts about how Heraeus Covantics is helping to shape the future of photonics. Further information: <https://covantics.com/w3jena>

About Heraeus

Heraeus is a family-owned global technology group headquartered in Hanau, Germany. The company's roots go back to a family pharmacy started in 1660. With its expertise and resources, Heraeus has been making meaningful contributions over generations and is committed to do so in the future. Today, the group bundles diverse activities in four Business Platforms: Metals & Recycling, Healthcare, Semiconductor & Electronics, as well as Industrials. Customers benefit from innovative technologies and solutions based on broad materials knowledge and technological leadership. In the 2023 financial year, the group generated revenues of €25.6 billion (US\$27.7 billion*) with approximately 16,400 employees in 40 countries. Heraeus is one of the top 10 family-owned companies in Germany.

MATERIALS. INNOVATIONS. FOR GENERATIONS.

(* calculated with 2023 average exchange rate, 1€ = 1.0813 US\$)

About Heraeus Covantics

Heraeus Covantics is a technology leader specializing in the manufacturing and processing of the industry's highest purity quartz, fused silica and other high-end materials such as ceramics and composites. With locations in Europe, USA and Asia, Heraeus Covantics manufactures semi-finished products, complex system components and custom-tailored solutions made of quartz glass, fused silica and ceramic materials. They are used in the data transmission and telecommunication industry, the production of specialty optical fibers for industrial and medical applications, semiconductor manufacturing and optical applications among others.



Image 1: Heraeus_Covantics_W3+Fair_KeyVisual.jpg

Caption: When performance matters, it has to be Heraeus

Image source: Heraeus Covantics



Image 2: Heraeus_Covantics_Frank_Nuernberg.jpg

Caption: Dr. Frank Nürnberg, Global Head of Sales von Heraeus Covantics

Image Source: Heraeus Covantics

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