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Schott introduces improved glass tubing for global pharma market

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Next generation type I borosilicate glass tubing to meet future needs of the pharma industry



With its borosilicate glass being the gold standard for storing lifesaving medications for more than a century, German firm Schott is now taking the next step by introducing improved glass tubing to the global pharma market. FIOLAX® Pro is a new type I borosilicate glass, designed to meet three major trends in the industry: increasingly complex pharmaceuticals, sustainable products and circular economy, and digitalisation.

FIOLAX® Pro has superior chemical quality, such as an improved Extractables & Leachables (E&L) profile and hydrolytic resistance and is completely free of heavy metals. In China, Schott has been piloting and successfully established the new glass tubing for the last two years together with its customers.

The company plans to produce the new FIOLAX® Pro with green energy and significantly reduce the Product Carbon Footprint (PCF). Schott just recently received funding from the German Federal Ministry for Economic Affairs and Climate Action to build the first climate-friendly glass melting tank. The pilot tank will be constructed at the company's site in Bavaria, Germany, and produce the pharmaceutical glass largely without causing greenhouse gas emissions.

Furthermore, the company strives to become a digital accelerator in the specialty glass industry and is constantly enhancing its digital service portfolio. With the new online pharmaceutical type I glass tubing configurator, packaging converters are now able to configure products based on their individual requirements – and save valuable time and costs.