

PRESS RELEASE

28 May 2024

CHT's silicone elastomers showcased at THE BATTERY SHOW EUROPE 2024

From **18 to 20 June 2024**, CHT Group will be an exhibitor at the trade fair THE BATTERY SHOW EUROPE at the Stuttgart Trade Fair Center and will have its own booth (**hall 9, booth 9 A60**) to present the latest product developments in the silicone elastomer sector.

CHT Group's focus at this year's THE BATTERY SHOW EUROPE will be on the following silicone developments:

SilSo Lite 21001 represents a cutting-edge low density silicone elastomer developed by the CHT Group, designed specifically for potting and safeguarding electronic components. Moreover, it stands as an optimal choice for integration within energy storage modules in electric vehicles. This material, featuring a 2-component composition, has low viscosity and low density characteristics, alongside remarkable flame-retardant properties and exceptional dielectric strength. SilSo Lite 21001 excels in meeting the stringent criteria for weight reduction, prevention of thermal chain reactions (commonly known as "thermal runaway"), and defense against moisture, dirt, vibration, and shock. This silicone elastomer is ideal whenever low smoke generation, flame formation and toxicity are required.

SilSo Lite 21025 is a new state-of-the-art silicone foam from the CHT Group for electronic components and energy storage modules in electric vehicles. It consists of a 2-component silicone, self-foaming at room temperature, that forms a closed cell structure. SilSo Lite 21025 meets criteria for reducing weight, eliminating thermal chain reactions ("thermal runaway") and

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protecting against moisture, dirt, vibration and shock. This silicone foam is ideal whenever low smoke generation, flame formation and toxicity are required.

The trade fair THE BATTERY SHOW EUROPE in Stuttgart is Europe's leading trade fair for state-of-the-art battery technology in the fields of electric and hybrid vehicles, energy supply and renewable energies, stationary power supply, portable electronics, medical technology, military, and telecommunications.

Come and visit us at our **booth 9 A60** to find out more about our latest silicone elastomers for the electronics sector.

About the CHT Group

The CHT Group is a medium-sized global player for specialty chemicals and active worldwide in development, production and sales. CHT Germany GmbH in Tübingen is the headquarters of the group of companies which focuses on sustainable chemical products and process solutions.

TEXTILE SOLUTIONS of CHT improve the quality, functionality as well as look and purity of textiles and optimize their manufacturing processes.

In the fields of silicones, building materials, paints, coatings, leather, release agents, paper, agrochemicals, mining as well as cleaning and care products innovative products and process solutions are provided by the Business Field INDUSTRY SOLUTIONS.

By combining the strengths of the complete group further innovative products, applications or processes are continually developed and vast technical support is offered within the SCIENCE & SERVICE SOLUTIONS. Highly qualified specialists work in state-of-the art laboratories for development, analytics and application technique in order to work out ideas and solutions that meet the latest requirements.

The CHT Group with its own production and sales locations is represented by 26 companies worldwide. In the financial year 2023, the CHT Group generated a group turnover of 604 million Euro with around 2,400 employees.

For more information, please visit www.cht.com

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