

## Freudenberg Sealing Technologies at Battery Show Europe 2017

### **New Approaches to Improved Thermal Management as well as Increased Battery Safety, Output and Operating Life**

**Weinheim (Germany), April 4, 2017.** As electric mobility catches on, the requirements that electric-vehicle batteries must face are increasing: Greater safety and output, a longer operating life and improved thermal management are some of the aspects that are in demand. Freudenberg engineers have anticipated this trend. For some time, they have worked on innovative products that offer solutions to these challenges. They will be presented at booth no. 210 during the Battery Show Europe, April 4-6, in Sindelfingen (Germany).

For years, Freudenberg Sealing Technologies has positioned itself as one of the world's leading specialists in innovative sealing solutions for many sectors, especially the auto industry. It is less known that the company also provides a wide range of products for the up-and-coming electric mobility sector. They include seals and fastening elements for fuel cells as well as pouch cells in lithium ion battery systems, along with products made of electric- and heat-insulating or conductive plastics for electric motors. The Freudenberg portfolio also includes robust flat gaskets and Plug & Seals for batteries with high power density and the associated need for cooling. Mechanical seals are required for electric motors, and Simmerrings remain indispensable to transmissions in electrically-propelled vehicles. That is why Freudenberg is continuing their development and has even equipped them with an electrically conductive nonwoven that prevents electrostatic charging inside the transmission thanks to clever functional integration. Finally, Freudenberg experts are working on new approaches to the simplified installation of battery systems while simultaneously reducing the number of components.

Anyone interested in these technologies is cordially invited to visit Freudenberg at Stand 210 at Battery Show Europe, April 4-6, in Sindelfingen (Germany).

More information, especially on Freudenberg Sealing Technologies' products for electric mobility applications, can be found at

<https://www.fst.com/expertise/e-mobility> .

#### **About Freudenberg Sealing Technologies**

As the leading specialist in sealing applications and their markets, Freudenberg Sealing Technologies is a supplier as well as a development and service partner serving customers in a wide variety of sectors including the automotive industry, civil aviation, mechanical engineering, shipbuilding, the food and pharmaceuticals industries, and

agricultural and construction machinery. In 2015, Freudenberg Sealing Technologies generated sales of about €2.3 billion and employed more than 15,000 people. More information at [www.fst.com](http://www.fst.com)

The company is part to the global Freudenberg Group which, with its Business Areas Seals and Vibration Control Technology, Nonwovens and Filtration, Household Products as well as Specialties and Others. In 2015, the Group generated sales of more than €7.5 billion in and employed approximately 40,000 associates in around 60 countries. More information is available at [www.freudenberg.com](http://www.freudenberg.com).

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