**Reliable, Affordable Sealing Solutions for the Steel Industry**

**Freudenberg Showcases at 2018 AISTech**

**Philadelphia (USA), May 7, 2018. The high temperatures and extreme conditions involved in steel manufacturing demand the use of reliable seals to keep equipment operations up and running. As a global provider of sealing solutions to the steel industry, Freudenberg Sealing Technologies will exhibit its latest offerings at the 2018 AISTech Conference and Exposition – the steel industry’s premier technology event – at the Pennsylvania Convention Center in Philadelphia, May 7 to 10.**

Freudenberg has extensive experience with energy saving seals that lower overall system friction. But unlike in the automotive industry, where energy saving seals are frequently used to address emission challenges, energy saving seals used in the steel / metallurgical industry must conserve energy in heavy, power-intensive operations while also insuring that the equipment continuously runs. Equipment failure in a steel mill is cost and time prohibitive.

One high performance solution, and a highlight of Freudenberg’s AISTech exhibit, is the Merkel Radiamatic RPM 41 radial shaft seal. The RPM 41 helps protect costly work roll bearings by keeping lubricant in and keeping water out. This seal, currently in use at 35 steel mills across North America and Europe, offers customers reliability at an affordable price.

“The RPM 41 offers numerous advantages for our steel industry customers, from affordability, to ease of installation, to durable service life,” said Robin Moeller, Business Development Manager at Freudenberg Sealing Technologies. “We know that the operating conditions in this industry are extreme and that any equipment failure can lead to costly downtime. Our sealing solutions are readily available off the shelf or can be custom designed and provide optimal, reliable performance.”

The RPM 41 seal comes with a Merkel Enviromatic water guard, which features a defined linear contact of the sealing edge that can protect against water and dirt ingress even in cases of axial shaft misalignment. The seals are offered along with Freudenberg’s complete service package, which includes first time installation assistance on-site, troubleshooting support and replacement seals that are shipped to the customer within 24 hours.

In addition to the RPM 41 seal and Enviromatic guard, Freudenberg will showcase a variety of other steel industry focused sealing products at its AISTech booth #1525, including state-of-the-art polytetrafluoroethylene (PTFE) seals and guide bands for the demanding cycles of hydraulic automatic gauge control (HAGC) cylinders, as well as a complete range of off the shelf industry standard seals to serve cost sensitive applications.

Featuring technologies from all over the world that help steel producers to compete more effectively in today’s global market, AISTech is an event for anyone involved at any level of today’s steel marketplace, providing perspective on the technology and engineering expertise necessary to power a sustainable steel industry.

More information on Freudenberg Sealing Technologies products and solutions for the steel industry is available at <https://www.fst.com/markets/heavy-industry/metal-processing>

***Image:*** *FST\_Merkel Radiamatic RPM 41.png*

###

**Media Contact:**

Freudenberg-NOK Sealing Technologies

Cheryl Eberwein, Director, Media Relations

Office: +1 734 354 7373

Email: cheryl.eberwein@fnst.com

Freudenberg Sealing Technologies

Ulrike Reich, Head of Media Relations

Office: +49 (0)6201 80 5713

Email: [ulrike.reich@fst.com](mailto:ulrike.reich@fst.com)

[www.fst.com](http://www.fst.com)

[www.twitter.com/Freudenberg\_FST](http://www.twitter.com/Freudenberg_FST) www.youtube.com/freudenbergsealing

**About Freudenberg Sealing Technologies**

Freudenberg Sealing Technologies is a longstanding technology expert and market leader in sealing technology and electric mobility solutions worldwide. With its unique materials and technology expertise, the company is a proven supplier for demanding products and applications, as well as a development and service partner to customers in the automotive industries and in general industries. In 2017, Freudenberg Sealing Technologies generated sales of about €2.3 billion and employed approximately 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 Specialities and Others. In 2017, the Group generated sales of approximately €9.3 billion and employed more than 48,000 associates in around 60 countries. More information is available at [www.freudenberg.com](http://www.freudenberg.com)