

September 5, 2017

## Sumitomo Riko to Exhibit at Frankfurt Motor Show

~ Will unveil product lineup with an eye on the accelerating trend toward EV ~

Sumitomo Riko Company Limited (Headquarters: Nakamura-ku, Nagoya-shi; President and CEO: Tetsu Matsui) will exhibit at the 67<sup>th</sup> International Motor Show to be held in September in Frankfurt, Germany.



This is the second time for the Sumitomo Riko Group to exhibit at the event. Amid growing awareness of the need for climate change countermeasures to reduce our environmental impact, there is increasing momentum behind the change to electric vehicles (EVs), including incentive policies in various countries, particularly in Europe and America. The Sumitomo Riko Group already supplies things like fuel cell gaskets, which are rubber seal parts for fuel cell vehicles (FCVs), seen as the ultimate eco-cars. At this exhibition, we will introduce not only our products for FCVs but also our wide lineup of items developed from the perspective of EVs, environmental regulation compliance (environmentally friendly products), driverless vehicle technologies, and so on.

Do not miss this opportunity to come and see the Sumitomo Riko Group's initiatives focused on the future automobile society.

## <Description of exhibits>

### ■ Environment

#### >> **Compact IHX (Internal Heat Exchanger)**

As a general air-conditioning pipe module supplier, the Sumitomo Riko Group provides pipe modules including rubber hoses worldwide. Amid rising demand for alternative new refrigerants with a low ozone depletion factor and for improved efficiency in air-conditioning systems with the spread of EVs, IHX modules with their excellent cooling efficiency are becoming more widely used. They realize air-conditioning systems that consume less power by exchanging waste heat generated from cooling room interiors and using it for refrigerant thermal management.

Our company's original IHX module enables spacing saving and high-efficiency heat exchange, further contributing to the reduction of our environmental impact.



#### [Features]

Space saving, high-efficiency heat exchange, weight saving

#### [Benefits]

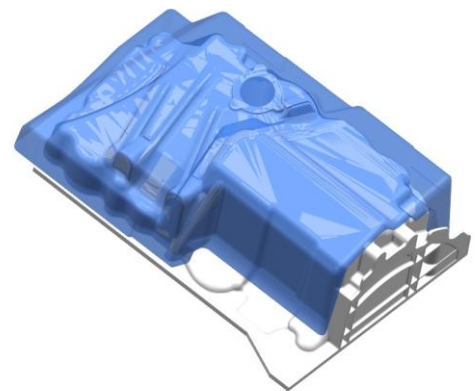
Enables power saving and size reduction of refrigerant compression pump units

### ■ Comfort

#### >> **Engine Enclosures**

Vehicle noise related needs are growing, such as strict vehicle noise regulation compliance and improved ride comfort. Utilizing our fundamental polymer material technologies (mixing), noise and vibration assessment and analysis technologies, and design and manufacturing technologies, the Sumitomo Riko Group is promoting the development of engine enclosures that aim to provide even greater comfort by reducing vibration and sound. By covering the engine with a "capsule" of soundproof material, these products combine noise reduction due to their sound absorbing and insulating performance with thermal management due to their heat retaining and dissipating performance.

Using our uniquely developed polyurethane foam materials, we contribute to reducing engine noise and improving fuel consumption.



[Features]

Achieve both noise reduction and thermal management due to our newly developed urethane materials that are very sound-absorptive, lightweight, and highly rigid

[Benefits]

Optimization of soundproofing measures by our comprehensive proposals using assessment and analysis

■ Future Mobility

>> **Motor Mounts for next-generation automobiles**



Motor mounts installed in the  
Toyota Mirai

The Sumitomo Riko Group has provided motor mounts for various next-generation vehicles to date that have motors including hybrid vehicles (HVs), plug-in hybrid vehicles (PHVs, PHEVs), and electric vehicles (EVs). These products support the motor while reducing motor vibration and improving ride comfort. They have a good track record in Japan and Europe and are widely used in popular cars as well as luxury cars.

Our motor mounts are also installed in the Mirai, Toyota Motor Corporation's FCV launched in 2014.

[Features]

Mount structure optimized to the motor's characteristics

[Benefits]

Facilitate short-term development through reliable design techniques based on knowledge of a motor's characteristics

## <Outline of event>

Exhibition name	the 67 <sup>th</sup> International Motor Show (IAA)
Date	Press days: September 12~13 Trade days: September 14~15 Public days: September 16~24
Venue	Messe Frankfurt Trade Fair Grounds
Booth area	Hall 6, B20

### About Us-----

Founded in 1929, Sumitomo Riko is a manufacturing company headquartered in Nagoya-shi, Aichi, Japan. We changed our name from Tokai Rubber Industries, Ltd. in 2014. In the automotive field, we manufacture anti-vibration rubber parts, in which we have a leading global share, as well as rubber and resin hoses and urethane sound controlling/insulation products and interior equipment. We are also applying the technologies we have accumulated in automobile parts development to expand our business in the fields of electronics, infrastructure, and "housing environment and health & nursing". Utilizing our global network of 106 bases in 23 countries, we aim to be a "Global Excellent Manufacturing Company" that provides safety, security and comfort to people worldwide.

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### Contact Information

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