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## Autoneum expands heatshield portfolio

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**Autoneum is expanding its range of lightweight and multifunctional heatshields. Its aluminum heatshields, which are based on RIMIC technology, now provide also effective protection against high-frequency sounds by combining them with a sound absorber developed by Autoneum, too.**

In the automobile production, heatshields are primarily used to reflect heat, which is generated in areas such as the engine bay and the exhaust system. Autoneum's heatshield technology RIMIC also enables sound to be absorbed, thereby reducing the interior and exterior noise of vehicles. What is impressive about the shields made of aluminum is both their multifunctionality and their light weight. Furthermore, they are heat-resistant up to 500 degrees Celsius.

With RIMIC, Autoneum has developed a special perforation of the aluminum, which absorbs vehicle noise effectively. Using in-house production processes, these perforations are applied specifically only at predefined areas to ensure optimal heat protection and durability. The acoustic performance is thus controlled by the number of perforations.

Autoneum has further enhanced the already high acoustic performance provided by RIMIC with newly developed designs and optimized perforation. Furthermore, high-frequency sounds can now also be absorbed when combining the aluminium heatshields with sound absorbers like Theta-Cell. This technology, developed by Autoneum, is based on a polyurethane foam formula and is ideally suited for use in the engine bay thanks to its acoustic and thermal properties.

Autoneum's RIMIC-based heatshields are currently being used in vehicle models by European and Japanese automobile manufacturers.

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**Autoneum. Mastering sound and heat.**

**About Autoneum**

Autoneum, with its headquarters in Winterthur, Switzerland, is the globally leading producer of vehicle acoustics and thermal management systems. The company develops and manufactures components, modules and complete systems for interior and engine bay as well as heatshields and underbody shields. Customers include leading automobile producers in the key markets of Europe, North America, South America and Asia. Autoneum is represented at over 45 locations in around 20 countries and employs some 9,600 people worldwide, of whom about 5% are in Switzerland. The company is listed on the SIX Swiss Exchange (ticker symbol AUTN).

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