

GETELEC PRESENTS ITS NEW FLEX PRODUCTS. AN INNOVATIVE RANGE OF FLEXIBLE CONDUCTIVE ELASTOMERS.

Getelec has succeeded in understanding and anticipating the various constraints and challenges faced by its customers to develop its new range of FLEX conductive elastomers. This genuine innovation, developed by the Getelec Lab R&D laboratory, offers highly promising performance in line with current military and aerospace standards.

Using the formulation of its two flagship products, GT1000 and GT5000 (widely adopted by prime contractors in the defense, aeronautics and space sectors), Getelec has developed GT1000 FLEX and GT5000 FLEX to launch its new range, which will subsequently be extended to its entire range of conductive products.

When versatility meets performance

Thanks to their advanced formulation, products in the FLEX range offer excellent electrical conductivity and slightly better shielding performance than their more rigid equivalents. This is particularly true of the GT 5000 FLEX, which boasts a shielding performance of 106.77 dB at 10 GHz, i.e. 20.28 dB more than its non-flexible equivalent, the GT 5000. With the FLEX range, you benefit from unrivalled quality and reliability for your electromagnetic shielding needs..

The FLEX range also promises unprecedented flexibility

With a hardness of 40 Shore A for the GT1000 FLEX and 30 Shore A for the GT5000 FLEX (respectively 45 and 35 Shore less than their namesakes), the products in the FLEX range offer very low compression deformation. This unprecedented flexibility guarantees optimum groove filling and the resolution of the majority of today's mechanical constraints.

An effective solution to lighten equipment

The FLEX range is intended to stand out not only for its more powerful shielding properties and unprecedented flexibility, but also for its response to many of today's constraints and challenges, notably that of lightening equipment.

Indeed, thanks to their great flexibility and very low density (2.67 g/cm³ for GT1000 FLEX and 1.67 g/cm³ for GT5000 FLEX), this new range makes it possible to rethink equipment engineering by favoring lightness, while offering mechanical properties never before achieved for these products. These new products are therefore an effective solution for lightening equipment without compromising performance.

ABOUT GETELEC

A specialist in advanced elastomers, Getelec is an equipment manufacturer specializing in EMC solutions, microwave absorbers, technical sealing and heat dissipation. Founded in 1968, the 50-strong company has become a leading specialist in EMC shielding, thanks to its know-how and numerous EMC innovations. Getelec is more than just a supplier, it is a partner in innovation for major customers, thanks to its tailor-made turnkey solutions.

Operating in cutting-edge, constantly evolving technology markets such as space, aeronautics and defense, Getelec invests 10 to 15% of its sales each year in its innovation and production division, in order to maintain its ability to propose solutions to these multi-sector customers.

In recent years, the aeronautics, space and defense markets have no longer been the only ones to benefit from Getelec's expertise, which is now being extended to the automotive, energy, transport and medical markets.

Thanks to its extensive network of distributors, Getelec has perfected its international development, generating almost 30% of its sales from exports.

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