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PO Box 40647, Cleveland, Johannesburg, 2022, South Africa

ISOLATOR FOR GALVANIC CORROSION IN CARBON FIBER

Typically a concern when mating different metals, galvanic corrosion can affect carbon fiber composite-to-aluminum couplings. Vesconite, the advanced marine polymer, makes the ideal electrical isolator when working with potentially problematic dissimilar materials.

Perfect for high load applications, Vesconite has particularly high dimensional stability and compression strength, unlike nylon that softens when wet and easily deforms. It machines to ± 0.001 ", so intricate parts can easily be fabricated—something that's important when fitting-in custom-built components.

When used as a bearing, such as between a metal pivot pin and a carbon fiber-reinforced canting keel or downrigger pole, it's the perfect material. Added to its unique anti-galvanic corrosion properties, Vesconite is self-lubricating, and offers low friction and superior wear-resistance—10 times that of bronze.

Vesconite is available in the US as finished parts, or as hollow bar, solid rod and plate stock in a wide range of dimensions and thicknesses. It bears type approval certifications from such agencies as ABS, Bureau Veritas and Det Norske Veritas. It is accredited to ISO 9001.

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