

Ultima Forma is a UK-based company that has developed a novel electrodeposition process enabling the creation of complex 3D multi-material metal components that are **light-weight**, **high-strength** and **multi-functional**, with locally-tailored nano-engineered properties.

This enables us to design and manufacture metal components with advanced shapes and material properties, that are not currently possible with conventional manufacturing methods. We can also 'grow' parts to incorporate, or be joined directly to, dissimilar materials thus optimising your product performance. Our process is fully scalable, environmentally friendly and without part size restrictions



## Product Applications

Our products are particularly relevant to high value, high performance applications such as:

- Thermal management systems
- Antennas and RF components
- High value light-weight structural components
- Flexible bellows and connectors
- Hermetically sealed systems
- High pressure and cryogenic storage
- Erosion, UV and damage protection coatings
- Hybrid structures joining dissimilar materials

## Our Sectors

Our technology can be used for a range of sectors including:

- Aerospace
- Energy
- Defence
- Medical
- Space
- Automotive
- Motorsport
- Marine

## **☑** GET IN TOUCH

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