



Thinking beyond today's metals.

Our focus is on meeting the global demand for lighter, stronger, and safer metal materials that offer improved efficiencies to help reduce emissions, save energy, and meet economic expectations.

The unique environmental benefits delivered by our materials have earned them the name "**Green Metals.**" The technology behind Green Metals is derived from strong but lightweight materials originally developed for the aerospace industry. Extensive testing has determined that Green Metals outperform most properties of traditional sheet metals – findings that have been validated through finite element analysis using both complex computer modeling and experimental manufacturing.

CellTech Technology Advantages:

- **Reduced weight** – At least 70% lighter than solid sheet metal of the same thickness.
- **Reduced emissions** – Lower weight reduces friction and reduces energy thereby reduces gas consumption and emissions.
- **Enhanced formability** – The ability to shape the material is a unique formability feature not seen before with an all metal sandwich technology.
- **Environmentally aligned** – Reduced weight reduces green house gases, (carbon dioxide) and offers opportunities for a cleaner environment.
- **Encourages alternative power** – Less weight allows for consideration of alternative power sources to reduce emissions.
- **More efficient production** – Our technology creates material reductions and waste reductions.
- **Mass producible** – Ability to mass-produce a vast variety of component parts adds value.
- **Economical** – Economic sheet metal manufacturing technology can be used to manufacture components (conventional "sandwich" materials fail in such operations).
- **100% recyclable**

Green Metal Products

- GS50
- GS75-2
- GS75-3
- PLYSTEEL

Weight Matters

CellTech Metals brings technologies designed to ensure environmental preservation, and help businesses secure long-term global competitiveness. Weight is costly to the manufacturer, the consumer and inadvertently pollutes our environment. This is why we stress... Weight Matters! **And we deliver weight savings.**