



Innovative C-Solder Enables Joining of Carbon Materials

Huntingdon (UK) ... 26 October 2017 ... Goodfellow is pleased to announce the availability of C-Solder, the trade name for a group of new tin-based, flux-free soldering alloy that enables the joining of carbon materials. The resulting bond is both mechanically strong and electrically conductive.

With C-Solder you can join...

- Carbon materials including carbon fibres or carbon nanotube fibres in carbon-carbon arrangements
- Carbon to metals (e.g., copper aluminium, titanium, stainless steel), ceramics and glass materials
- Aluminium to aluminium without using flux

Key features of C-Solder

- Melting point: 232 °C (solidus temperature)
- Density: Approximately 7.4 g/cm³
- Excellent flow
- Good wetting of surfaces to be joined
- Electrically and thermally conductive
- Not affected by cleaning solvents
- Does not leave a residue
- Not flammable
- Flux-free and lead-free

For more information about this exciting new product, contact a Goodfellow technical expert on 0800 731 4653 (UK) or +44 (0) 1480 424 800, email info@goodfellow.com, or click [here](#).

About Goodfellow

For 50 years, Goodfellow has been a leading supplier of metals, polymers, ceramics and other materials to meet the needs of science and industry worldwide. The company specialises in supplying small quantities (a few grammes to a few kilos) of metals and materials for research, prototype development and specialised manufacturing applications. Standard products can be found online at the comprehensive [Goodfellow Catalogue](#). Custom products and materials in larger quantities are available upon request at info@goodfellow.com.