OCSiAl is the world’s largest manufacturer of graphene nanotubes and owns the only scalable technology that can synthesize them in industrial volumes.

A graphene nanotube (also known as a single wall carbon nanotube) is a rolled-up sheet of graphene. High electrical and thermal conductivity, strength, and flexibility – all together, these exceptional properties allow graphene nanotubes to improve the properties of most known materials. When embedded into a material, the nanotubes create a 3D reinforcing and conductive network. OCSiAl produces high-purity graphene nanotubes under the TUBALL™ brand name.

OCSiAl accelerates the transformation process of nanotubes from the laboratory to being an industrial-scale material by simplifying their handling. The TUBALL™ MATRIX nanotube concentrate product line allows nanotubes to be used directly in standard manufacturing technological processes. Often as little as 0.1% of the concentrate is enough to improve a material’s properties significantly.

So far, OCSiAl has developed TUBALL™-formulated technologies for electrochemical power sources, elastomers, composites, plastics, paints and coatings. To provide its customers with advanced technical support and to develop new nanotube technologies, the company has launched TUBALL Centers in Luxembourg, China and CIS.

OCSiAl’s current production capacity is 100 tonnes per year. For industrial-scale commercialization in global markets, OCSiAl has registered its TUBALL™ single wall carbon nanotubes with regulators of various countries, including EU-REACH (Registration, Evaluation, Authorisation and Restriction of Chemicals) and the US Environmental Protection Agency. OCSiAl is the only manufacturer authorized to commercialize up to 100 tonnes of single wall carbon nanotubes in Europe annually.

Luxembourg-based OCSiAl partners with more than 1,500 companies around the world in regions including Europe, US, South Korea, China, Hong Kong, Canada, Mexico, Brazil, South-East Asia, Taiwan, Japan, India. OCSiAl has over 450 employees, with around 70 of those being R&D experts.

[tuball.com](http://tuball.com/)

[ocsial.com](http://www.ocsial.com)