

## **Carbon Nanotechnologies, Inc. and 3P Inc. to Develop Advanced Polymer Products**

Houston, TX, USA - May 28, 2003 - Carbon Nanotechnologies, Incorporated (CNI) and Performance Plastics Products, Inc. (3P) today announced a joint development agreement to develop and commercialize new and improved polymer products. CNI's breakthrough single-wall carbon nanotubes will be incorporated into 3P's custom manufactured components for use in industries which have special needs in dealing with elevated temperatures, chemical and corrosion resistance, extreme pressure, wear, or lubricity.

Single-wall carbon nanotubes (SWNTs), also known as Buckytubes, are the ultimate engineering polymer, 100 times the strength of steel at less than one sixth the weight. This cylindrical polymer of pure carbon, said to be the strongest, toughest, stiffest material known, conducts electricity like metals and conducts heat better than diamond.

Bob Gower, CEO of CNI says, "We are pleased to be working with 3P, a recognized leader in manufacturing products in PTFE, PFA, PEEK, PPS, PVDF, and other engineered, high performance plastics. We strongly believe that single-wall carbon nanotubes will lead to a new generation of 3P products with even better performance under extreme conditions. This relationship represents another important step in SWNT commercialization."

Bob Richter, 3P's Director— Innovation and Development, US adds, "Our fully integrated engineering, custom material compounding and manufacturing capabilities, and commitment to quality, combined with CNI's expertise in single-wall carbon nanotubes, will improve our current products and help create completely new products for existing and emerging markets."

### **Carbon Nanotechnologies, Inc.**

CNI was founded in early 2000 to commercialize the scientific breakthroughs in carbon nanotechnology made at Rice University under the direction of Nobel prize-winning scientist Dr. Richard Smalley. CNI has an exclusive license for certain key technology developed by Dr. Smalley at Rice. The company is actively developing new processes and applications for Buckytubes in its own laboratories and those of industrial partners and has become the leading manufacturer of single-wall carbon nanotubes from its pilot plant in Houston. The company plans to begin construction of a 100-pound per day demonstration unit within the next few months and expects to be ready to build a commercial production unit to come on stream by the end of 2005.

For more information: [www.cnanotech.com](http://www.cnanotech.com)

### **3P**

3P is a world leader in providing custom manufactured components made from the highest performance polymers. 3P is a preferred supplier to the Aerospace,

Automotive, Medical, Semiconductor, Chemical Processing, Pumps, Valves and Compressors, and other Markets with demanding requirements. The Performance Plastics Products (3P) division is one of four core business areas of Plastic Omnium. Together with its three other core businesses – Automotive Components, Environment, and Medical, Plastic Omnium sales surpassed 1.6 billion Euros in 2002.

For more information: [www.plasticomnium.com/3p/](http://www.plasticomnium.com/3p/)