



## NEWS RELEASE

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# Objet Releases 18 New Digital Materials for the Connex Family

## ***Breakthrough Offering Enables Connex Users to Simulate a Wide Range of Rubber and Standard Plastic Products***

Rehovot, Israel (October 1, 2009) – [Objet Geometries](http://www.objet.com), the innovation leader in 3D printing, today released a new digital material pack that allows manufacturers and designers to create parts and models more suitable than ever for product-design testing, simulation and validation. The offering is available exclusively on the Connex350™ and Connex500™ – the only 3D printers in the world capable of simultaneously printing multiple materials with different mechanical and physical properties.

The pack provides 3D printing users with 18 new materials comprised of combinations of VeroWhite and TangoPlus or TangoBlack Plus, the latest addition to the Tango Family. The new materials encompass the full SHORE A hardness scale (from 27 to 95) characterizing a wide range of rubber/elastomer based products. With these materials, Connex users can print parts, such as wires and cables, grips and handles, plugs and connections, shock absorbers, function buttons, gaskets and seals, among other rubber applications.

The new rigid materials simulate the strength and toughness of products made of such standard plastics as PP, LDPE, HDPE, PVC and PS. Up to 11 different rigid and flexible materials can be combined in a single part in one build.

“We are proud of this new offering, which allows engineers and designers to develop products and parts with physical and mechanical properties that were previously unattainable with 3D printing,” said David Reis, CEO of Objet Geometries, and added: “The increased capabilities extend tremendous benefits, opening up the use of printed models for many more applications.”

Objet customers across a range of industries participated in a field testing program of the digital material pack and were extremely enthusiastic about the resulting advantages in quality and capabilities.

Steffen Scherer, Prototype Creation Technician at Adidas, which delivers state-of-the-art sports footwear, apparel and accessories, said, "The new Objet digital material pack allows us to achieve greater resemblance of our running shoe outsoles with an impressive touch and feel."

"With the wider range of graduation of the shore hardness available from Objet, we have a significant competitive edge in time and technology," said Hugo Arnold, Head of Prototype Manufacturing at Geberit, a European leader and global provider of sanitary technology. "Objet's technology offers an unlimited range of new applications to test every possible variation so we can continue to offer our customers the innovative design details that they expect."

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#### **About Objet Geometries**

Objet Geometries Ltd., ([www.objet.com](http://www.objet.com)), a pioneer in photopolymer jetting, develops, manufactures and globally markets ultra-thin-layer, high-resolution 3-Dimensional printing systems and materials that utilize PolyJet™ and PolyJet Matrix™ polymer jetting technologies to print ultra-thin layers.

The market-proven Eden™ line of 3D Printing Systems and the Alaris30 3D Printer are based on Objet's patented office-friendly PolyJet Technology. Connex500™ is based on Objet's PolyJet Matrix™ technology, which jets multiple model materials simultaneously and creates composite Digital Materials™ on the fly. All Objet systems use Objet's FullCure® materials to create accurate, clean, smooth and highly detailed 3-dimensional models.

Objet's solutions enable manufacturers and industrial designers to reduce cost of product development cycles and dramatically shorten time-to-market of new products. Objet systems are in use by world leaders in many industries, such as automotive, electronics, toy, consumer goods, and footwear industries in North America, Europe, Asia, Australia and Japan.

Founded in 1998, Objet serves its growing worldwide customer base through offices in USA, Europe and Hong Kong, and a global network of distribution partners. Objet owns more than 50 patents and patent pending inventions.