



## **igus® to present over 100 new products at Hannover Messe Fair**

**114 new products and line extensions will be unveiled at the world's largest industrial fair, running April 7-11 in Germany.**

**April 8, 2014 – East Providence, Rhode Island** - igus will be presenting more than one hundred new products at this year's Hannover Fair, the direct result of intensive company research and development. The plastics expert will be showcasing a wide range of product line expansions, and exciting world firsts, all in Hall 17 at the Hannover Exhibition Grounds April 7-11.

### **A wide variety of products on display**

At the show, igus will be showing a variety of new products from its dry-tech® range of products for moving applications, all of which will soon be available from stock world-wide. These exciting up-and-coming igus solutions include a new iglide® material; the W360; specifically designed to have an exceptionally long service life in continuous-running applications, as well as good temperature resistance and high wear durability.

Additionally, igus' popular bar stock will be on display – now available in round rods to virtually double the variety of materials available for custom machined applications. To add iglide's self-lubricating properties to any surface, a new 0.5 mm thick iglide 'tribo-tape,' made from the iglide A160 material has also been developed. The tape, which is FDA compliant, provides freedom of design in the construction of tribologically stresses sliding surfaces.

Perhaps most exciting is the new igus tribo-optimized filament for 3D printers, enhanced with iglide strength and wear-resistance. The filament material is 50 times more resistant to abrasion than standard filament materials, and will allow for quality prototypes and specialized parts to be printed with the same excellent wear and friction properties of iglide plastic bearings. The filament, which will be available to customers shortly after the Hannover Fair, will be available in a standard 1.75 mm thickness, and more sizes will become available over time.

### **New solutions for cables and cable management**

New Chainflex® cables and Energy Chain® cable carriers will be on display for the first time as well, including the new chip tight Energy Chain R2-75 tube. The tube is able to be opened from



both the left and right sides for easy installation, and the tube's special shape gives extreme protection against dust and chips in rough applications.

igus will be putting some of its products to the test live at the show, including an 11.5 foot span of energy chain, suspended in water under very high tensile forces, just as it would experience in offshore applications like drilling ships or oil platforms.

### **Celebrating unique applications of igus products**

As well as unveiling new products at the Hannover Fair, igus will also be honoring the winners of the igus vector® Awards. This competition recognizes extraordinary and interesting applications of plastic energy chain systems. The gold, silver, and bronze winners will be awarded from among the nearly 200 applications submitted from 28 countries around the world.

### **About igus®**

igus® develops industry-leading Energy Chain® cable carriers, Chainflex® continuous-flex cables, DryLin® linear bearings and linear guides, iglide® plastic bushings, and igubal® spherical bearings. These seemingly unrelated products are linked together through a belief in making functionally advanced, yet affordable plastic components and assemblies. With plastic bearing experience since 1964, cable carrier experience since 1971 and continuous-flex cable since 1989, igus provides the right solution from over 80,000 products available from stock. No minimum order required. For more information, contact igus at 1-800-521-2747 or visit [www.igus.com](http://www.igus.com).



**Captions:**

**Picture 040814-01, igus Inc.**

igus will be presenting 114 new products at Hannover Messe, the world's largest industrial fair.

**Picture 040814-02, igus Inc.**

the iglide 3D tribo-filament has been specially developed to print components for moving applications.

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