



## **igus® presents maintenance-free systems for the packaging industry**

### **The plastics expert offers a range of cost-effective, zero-maintenance options for packaging machinery design**

igus is presenting a range of innovative new products specially developed to meet stringent demands of the packaging industry. Manufacturers of packaging machinery rely on high-performance components, especially where products must be packed in a timely and energy-efficient manner. Because of this, machinery must be designed and manufactured under strict rules and regulations. igus is now offering individual components that meet these guidelines, as well as complete systems for packaging equipment, all meeting industry guidelines.

### **Food Grade Standards**

Policies for food handling and hygiene are clearly defined by both US and European standards and regulators. igus' blue food-grade products are easily identifiable for added safety. The company's 'tribo-tape' material, made from proven self-lubricating iglide® A160 material, is suited for lowering friction in a wide range of applications thanks to its low wear values. The tribo-tape is specifically notable for its maintenance-free dry-running properties that allow the addition of sliding surfaces wherever necessary.

The iglide A160 material is also available in machinable bar stock for custom components with reliable cleanroom and low-friction properties. Food-grade materials like iglide A181 and A350 are also available for even more challenging applications, such as those in extreme temperatures. Even for conveyor systems, injection molded knife-edge rollers from igus allow for complete avoidance of external lubricants, while maintaining excellent wear values.

### **Complete Drive Systems**

igus has also developed a standing in the realm of drive technology. Their DryLin® range of linear products has evolved, and is now enhanced by two new linear modules, the DryLin SLW Protect, and the SLWT-1080. The SLW Protect system is designed for sensitive environments, and features a protective mechanism that safeguards the lead screw and nut against impacts and falling debris. The SLWT-1080 is equipped with a twin lead screw system, which allows

separate control of the carriages, allowing various screw pitches to be combined, providing the most possible design and operational flexibility.

New DryLin E stepper motors also create new linear design possibilities. The laterally mounted stepper motors' compact design allows the motor to be mounted adjacent to the system, reducing the overall footprint.

### **Complete cable systems**

igus' ReadyCable® and ReadyChain® product lines fit seamlessly into the igus systems concept. Fully harnessed energy supply systems ensure savings in logistics, installation, and downtime. These innovative, plug and play solutions significantly reduce assembly and maintenance time. Ranging from individual components to complete, fully-harnessed systems, igus provides more than 100,000 products for packaging machinery designers and builders.

### **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 052714-01, igus Inc.**

The new tribo-tape is made from iglide® A160 materials, and provides a wide range of options for designing sliding surfaces where low friction is essential.

##### **Picture 052714-02, igus Inc.**

Knife edge rollers from igus® have a very long service life, and provide accurate and external-lubricant-free deflection of conveyor belts.

##### **Picture 052714-02, igus Inc.**

The plug-in –ready “ReadyChain® Speed” facilitates the connection of pre-harnessed Energy Chain Systems® within seconds, and without the use of tools.



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