

NEWS RELEASE



The Simplicity® Bearing: Meeting All Packaging Needs without Fail

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Today's packaging industry runs at a fast pace that has no room for unplanned downtime or ball bearing failure. When conventional ball bearings seize up, the entire machine and production line fails—leading to increased costs and decreased profits. 27 years ago, PBC Linear strove to end this common problem with the Simplicity® linear bearing. With no moving parts, this self-lubricating bearing cannot seize up and thusly cannot catastrophically fail! Today, the Simplicity linear bearing is installed in packaging plants all around the world, and has evolved to be the solution to the problem of failing ball-bearing technology everywhere.

No moving parts. PBC Linear's Simplicity bearing technology has used this trait as a competitive advantage over traditional ball-bearing technology since the products first inception. With no moving parts, there is nothing to cause catastrophic failure, high speed shafting wear, or "stick slip" since there are no rolling elements sliding each other in and out of the load zone. Applicable for linear, rotary, oscillating, and combined movements, Simplicity products are perfectly suited for the packaging industry.

From bottling machinery applications to bagging systems, the Simplicity linear bearing has maintained a reputation for providing reliable linear motion in the packaging industry since it was first introduced. Wash downs, shock vibration, and high load capacities do not interfere. With PBC Linear's patented FrelonGOLD® liner can run through virtually every environment. The liner works to both facilitate reliable linear



EDITORIAL CONTACT:

Zach Olson - Marketing Assistant
(815) 389-5659 • (800) 962-8979
zach.olson@pbclinear.com

LINEAR MOTION SOLUTIONS

6402 E. Rockton Road
Roscoe, IL 61073 USA
www.pbclinear.com

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motion without additional lubrication, and to absorb shock vibration and caustic chemicals that would cause conventional ball bearing technology to fail. For dependable linear motion, the Simplicity linear bearing surpasses the competition by leaps and bounds at a similar price.

For medical and food processing packaging, PBC Linear has found an instant niche with its self-lubricating bearing. Ball-bearing technology requires additional lubricants—usually grease or oil—to promote a lower coefficient of friction. This leads to potential contamination of the customer's products being packaged, further leading to loss of product and increased production costs. With the Simplicity self-lubricating bearing, the coefficient of friction remains constant, and requires no additional lubrication. Grease, oil, and other lubricants are unnecessary; PBC Linear's bearings can successfully accomplish their tasks without them in a clean and environmentally safe way.

For more information on the Simplicity® self-lubricating bearing or any other products, please call 1.800.729.9085 or email to marketing@pbclinear.com.



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