

The ProStack®....The "Proven" Leaker Solution

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CELEBRATING
10 years
Thank You!

Major Global Beverage/HOD Company Immediately Converts From Metal To ProStack® After Comprehensive Field Test

A major global beverage/HOD company has converted all of its manufacturing plants to the ProStack® after conducting the most extensive side by side metal vs. plastic field test ever. This test was developed to provide real world data under actual field conditions. The data was then combined with all other cost reduction factors to determine the return on investment to convert the entire float from metal racks to ProStacks®.

The three month test equaled 87 round trips per bottle. Three cities with five routes per location were tested to quantify the reduction in bottle breakage and scuffing. Over 17,000 full bottles were used in the test. The racks and bottles were transported from the plants to

distribution centers, placed on route trucks and sent back to the plants via distribution centers. Bottles were removed from the racks and inspected. The bottles' conditions were recorded and then the bottles were returned to the racks for the next cycle.

The results were staggering with a 92.5% reduction in bottle leakers and scuffing. These dramatic savings coupled with improved plant efficiency, elimination of rack repair and truck damage, as well as other known benefits resulted in less than a 2 year return on investment. The results of this study led to the immediate decision to convert from metal racks to the ProStack®.

New Improved ProStack® 36x39 Pallet (patent pending)

The new improved design has a revolutionary double wall leg design and a unique fastening system. Laboratory test results show our new pallet to be nine times stronger than all other common fastening systems.

Extensive laboratory testing proves the double wall leg design will withstand the abuse of forklift impact better than the original design and give the pallets a longer useful life.

The pallets are 100% compatible with the ProStack® modules and are available in both 5" and 6" heights.



The Testing continues...

ProStacks® Significantly Improve Relative Bottle Life 22 Times



In the Fall of 2006, we conducted an extensive, independent laboratory test to validate our customer's lab tests, transportation studies and their field experience. The test was conducted over a 3 week period and included over 100 hours of actual vibration table time.

Following specifications established by ASTM 4169 Schedule E Truck Vibration Test, we had an individual truck bay built to industry standards by a major truck bay manufacturer to ensure real world results. This test criteria is regularly used by both HOD bottlers and bottle manufacturers.

After 30 hours of testing we did not have a single bottle failure. The metal rack had 9 failures in just 6 hours. The results translated to a 22 times greater transportation life for the bottles tested in ProStacks® as compared with those tested in metal racks.

The TierStack® rack was also tested under the same conditions and proved to have similar dramatic results.

These ProStack® test results are further explained and illustrated in our insert included with this issue and will also be featured on our website at www.prostack.com.

Big Cost Reductions at Diamond Springs

Charlotte, NC based Diamond Springs, a regional bottler and distributor in the southeast, continues to convert their float to the ProStack® Modular Rack System. In late 2004, the company decided to make the switch to the 3-pocket ProStack® and started to replace metal racks to reduce losses associated with soaring bottle damage and costly rack repairs.

"When faced with a challenge, we worked together with Polymer Solutions to find ways to adjust our mechanical loader so we could continue to use the existing metal racks while starting to add new ProStacks into our float," says Marty Conte, President. "Besides realizing the huge savings in bottle scrap, we quickly discovered the other unique benefits of the ProStack - stacking better and more safely in our warehouse while also running more efficiently on our production line."

Diamond Springs has over 350 ProStacks® in their float and continues to purchase more as new business develops and more metal racks are replaced.

Conte concludes "when the bottle is in a ProStack, there is no better protection - virtually all rack related damage is eliminated...these racks are the best and the results are as promised!"

Marty Conte
Diamond Springs Water



Around the world...

This article is a press release from a customer in the United Kingdom who was in search of an efficient, flexible, quality solution.

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Company news

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Wenlock and Polymer Prostack make perfect partners

UK contract bottler and water cooler supplier **Wenlock Spring Water** has praised the performance and efficiency of the racking systems it uses in its Shropshire based bottling facility.

Wenlock has used the ProStack system from **Polymer Solutions International** for around three years, with impressive results.

Production Manger Matthew Orme commented: "Our customers were all looking for something different and the ProStack is perfectly customisable to fit with individual needs. Price was not the issue – for us it was about longevity.

"In terms of a robust and easy to replace product, which also takes health and safety into consideration, this is by far the best built system for the job," he continued.

Matthew added that the fact the storage system is made from raw resin, rather than recycled materials, means it has been stress tested and is reliably strong and durable.

Wenlock runs robotic bottling lines capable of producing up to 800 19 litre bottles an hour, so efficiency is a must. "We find the ProStack is 25% more efficient than metal racking systems," Matthew continued. "Metal racking systems are

also more likely to bend and cause blockages in the system." The ProStack has also contributed to increased bottle life.

Wenlock has been bottling water and contract filling for both small pack water since 1989 and cooler bottles since 1994. It offers natural spring water, natural mineral water and table water to customers. In terms of water cooler bottling, the five gallon bottle business accounts for more than 97% of output with 3 gallon accounting for 3%.

The company is also celebrating a recent Gold Award in the British Water Cooler Association audits, its third such award in a row. "It's great news for us and for our customers," Matthew revealed. "In fact, the audits are a great way to keep your house in order throughout the year."



"In terms of a robust and easy to replace product, which also takes health and safety into consideration, this is by far the best built system for the job."

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What's New

The Bottle Hammock continues to reduce labor costs...



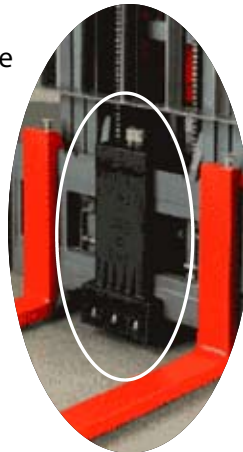
The Bottle Hammock allows for safe high-volume transportation of 5 and 3 gallon bottles. Its unique design prevents bottle damage and hand truck spills while improving delivery productivity by up to 60%. The Bottle Hammock also allows stable retrieval of empty bottles and safely transports them back to your truck or van.

A must have tool to deliver more bottles faster and easier!

The Pallet Dawg...a new accessory that can be easily attached to your forklift to transfer the impact force to the center of the pallet which is the strongest point.

Proper pallet handling is essential to extend the life of the pallet. Consider the Pallet Dawg as an optional means to further reduce potential damages.

Contact Polymer Solutions for additional information.



Bottle Storage Solutions....Convenient and Efficient

Perfect for crisis and emergency relief programs in

- Schools
- Civil Services
- Fire Stations



TierStack®



Two Pocket ProStack®



Three Pocket ProStack®

Our ProStack and TierStack racks are simple one piece design, modular, and have no moving or welded parts, which is critical for efficiency and long life.

Coming in the next issue.....

A look back... 10 successful years of supplying bottlers with our modular rack systems!



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