



Polymer Solutions International



ProStack® Pallet Awarded Patent for Unique, Double Leg Ratchet Design

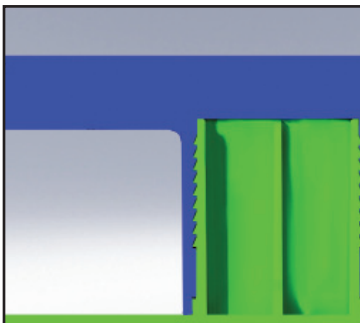
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The ProStack® Double Leg Ratchet Pallet has been awarded a patent by the United States Patent and Trademark Office for its unique, double leg ratchet design.

Manufactured by Polymer Solutions International Inc., the pallet's telescoping double leg design features a series of interlocking "teeth." This ratchet-style construction secures the top deck to the base via the interlocking legs to yield a connection three times stronger than welded or snap pallet construction designs. The double leg construction forms nearly half an inch of damage protection, two to three times thicker than that of old style single leg pallets.

With enhanced strength and rigidity engineered into the legs, the pallet offers superior resistance to potential damage caused by forklift and pallet jack impacts. Additionally, the pallet's bottom deck is designed to prevent damage caused by pallet jack over-pumping.

"Since 70% of pallet damage typically occurs in the leg and is caused by forklifts, our focus was to create a superior leg design in order to dramatically extend the usable life of the pallet," explains Dan Kelly, President and CEO of Polymer Solutions International. "The patent further verifies the uniqueness of this design in the market. Getting a U.S. patent in a crowded field such as pallets is a testament to its novelty."



ProStack pallets are made from 100% recyclable, FDA-approved high density polyethylene (HDPE). In addition to resisting bacteria, mold and other contaminants, the pallets feature an open-grid top deck and smooth finish that is easy to clean and inspect. The ProStack Double Leg Ratchet pallet is available in several different materials, including Factory Mutual Research Corporation (FM) approved grades for fire retardant applications.

The pallet is rated for a 30,000 pound static load, or a 5,000 pound dynamic load. Edge rackable to 2,200 pounds, they offer four-way fork entry and are ideal for use in general industry, pharmaceutical, food processing, beverage, and warehousing applications.

For further customization to individual application needs, the ProStack pallet may be ordered with the following options: perimeter lip, hot-stamped logo or identification marks, grommets, solid top deck and in a variety of colors (black, blue, gray and red).

For more information about the ProStack Double Leg Ratchet Pallet please call (877) 444-7225 or visit the Polymer Solutions International website at www.prostackpallets.com.

About Polymer Solutions International, Inc.

Founded in 1997, Polymer Solutions International is a global manufacturer of a wide variety FM-approved fire retardant reusable plastic pallets and racks, including export pallets (one-way), nestable, stackable pallets, rackable pallets, and custom pallets. Made from 100% recyclable, FDA-approved materials, the company's products are ideal for pharmaceutical, general industry, food, beverage and warehousing applications. For more information, visit www.prostackpallets.com.

CONTACT US!

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