

FIBER-BASED SOLUTIONS

EDGEPAK STRAW

STRONG AND RESILIENT



EdgePak Straw is a strong and resilient fiber-based solution that can be recycled as easily as a sheet of paper. Its foldable corners are made from strawboard, creating a strong moisture-resistant construction that can stack over 4 tons. The straw fibers are short and very stiff compared to wood fibers. When combined, the straw layers provide the material with great strength. With straw-based solutions, we are innovating to lead the way toward smarter and more sustainable supply chains.



STRAW-BASED SOLUTION

- Unique Foldable Corners made of Strawboard.
- The straw fibers are short (not flexible) but very stiff compared to wood fibers, when combining the layers, it gives the material great strength.



SUSTAINABLE MATERIALS

- Straw has fibers like paper; therefore, it is recycled in the paper recycling stream - the world's largest.
- As it is made from completely natural material it is biodegradable.
- Minimizing landfill by utilizing straw to make solutions that are paper recyclable.



STACKING STRENGTH

- EdgePak Straw provides a stacking strength exceeding 4 tons.
- Requires less material to achieve the same resistance compared to heavy duty corrugated boxes.
- The compact, wet mechanical process makes straw pulp more resistant to moisture than paper.



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Features

A solution that provides high stacking strength and easy handling with a low carbon footprint

Benefits

- Easy assembly, suitable for larger & longer boxes
- Front-side accessibility enables easy loading & unloading
- Beneficial inner versus outer dimension ratio for optimal space utilization
- Can be delivered in a flat state for easy assembly on the production line
- Customizable lid options for added flexibility and functionality
- Environmentally friendly with 100% paper recyclability
- Cost-efficient solution



Load Capacity

* in dry and humid conditions

Product (Size of Box: 48 x 32 x 32 in / 1200 x 800 x 800 mm)	Dry Conditions Acc. to ASTM D642-2015 (Imperial/Metric)	After Climatic Conditioning Acc. ISTA3E Hot Humid conditions + Acc. To ASTM D642-2015 (Imperial/Metric)
Corrugated Box (ABC-flute, BST>2750 KPA / ECT 14kN/m)	4,564 lbf / 20.2 kN	2,271 lbf / 10.1 kN
Corrugated Box (AAA-flute, BST>2431 KPA / ECT 25kN/m)	6,632 lbf / 29.5 kN	4,968 lbf / 22.1 kN
Reinforced Corrugated Box(BC flute BST>4018 KPA+paper corner profiles / BC flute ECT 15kN/m+paper corner profiles)	9,487 lbf / 42.2 kN	6,295 lbf / 28.0 kN
EdgePak Straw	11,083 lbf / 49.3 kN	9,105 lbf / 40.5 kN
Plywood Box, 1/4 inch / 6mm	11,240 lbf / 50.0 kN	10,184 lbf / 45.3 kN

We save environmental and financial resources by optimizing supply chains. It's about innovating together to create smarter packaging and logistics solutions while always respecting people and ethical standards. This contributes to a better tomorrow for our customers, for society and for the environment.