

Stacking Strength

Periodically we have VBoard tested by qualified independent testing laboratories to compare and/or determine stacking strength of various calipers and leg lengths.



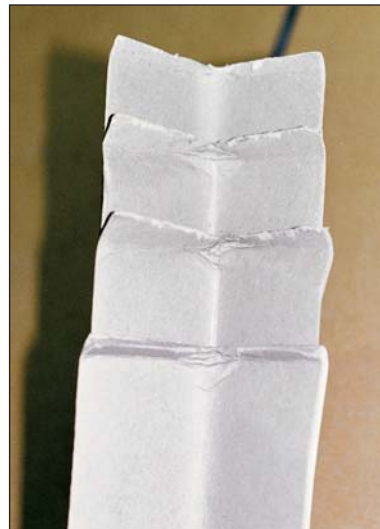
1.



2.



3.



4.

1. & 2. VBoard is tested in a four post configuration with a top cap. This simulates normal pallet packaging which utilizes either strapping or stretch film.

3. Platen pressure is gradually increased on the four pieces of VBoard and a measurement is taken every 1/10". This continues until the failure point, or what is referred to as "load refusal."

4. The failure point is the point at which maximum load can no longer be sustained. Typical deflection at failure point is illustrated by this photo.

An example of recent test results:

Board Dimensions	Lab A	Lab B
2-1/2" x 2-1/2" x .225"	3,650 lbs.	3,684 lbs.
3" x 3" x .200"	2,416 lbs.	2,578 lbs.
3" x 3" x .225"	2,844 lbs.	2,850 lbs.

This data indicates that 2-1/2" x 2-1/2" x .225" has greater stacking strength than either 3" x 3" x .200" or 3" x 3" x .225".

It should be clearly understood that these figures are merely a comparison. Every warehousing situation is unique and we cannot guarantee any given number. We invite you to work with your sales professionals to test product, experiment, and determine the best solution to your individual packaging requirements.

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