

UNDERSTANDING CORRUGATED

WITH ATLAS CONTAINER



SINGLE WALL

- Single layer of fluting sandwiched between two layers of linerboard
- Most commonly used board grade
- Good for standard shipping requirements

DOUBLE WALL

- Two layers of fluting between three sheets of linerboard
- Enhanced durability and resistance
- Ideal for heavier/more fragile items
- Extra protection, superior stacking strength

TRIPLE WALL

- Thickest and strongest type of corrugated board
- Three layers of fluted paperboard with four linerboards
- Ideal for packaging applications that require maximum protection and strength

FLUTE TYPES



A-Flute: Thickest of all corrugated flutes. Excellent cushioning & stacking strength, great for fragile items that require extra protection.



C-Flute: Versatile all-rounder, provides a balance between cushioning & stacking strength. Suited for a variety of goods.



B-Flute: Middle range of thickness, provides good puncture resistance. Ideal for die-cut designs.

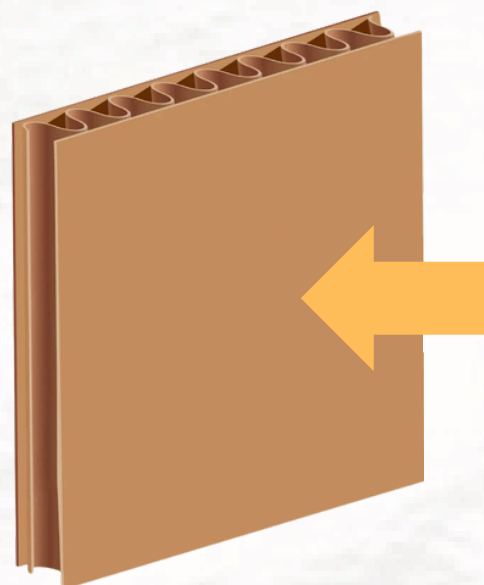


E-Flute: Offers a smooth surface for high-quality printing. Used for smaller retail packaging that requires greater aesthetic appeal.



F-Flute: Finest of all corrugated flutes. Used for lightweight cartons, high-quality print jobs & packaging that requires stiffness for certain consumer goods.

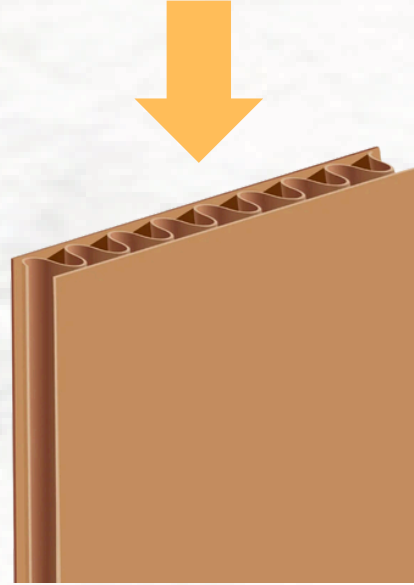
MULLEN BURST TEST VS. EDGE CRUSH TEST



MULLENS BURST TEST:

Measures the force required to burst or puncture through corrugated material.

- Calculated in pounds per square inch (PSI)
- Best applied when shipping individual packages (like a UPS or Fedex shipment)



EDGE CRUSH TEST (ECT):

Measures the vertical compression strength along the edge of the container.

- Focuses on compression and stacking strength during palletizing and vertical stacking
- Best applied when shipping boxes that are palletized



Our Single Wall

Edge Crush Test (ECT)	Mullen (Burst) Test
32 ECT	200#
44 ECT	275#

Our Double Wall

Edge Crush Test (ECT)	Mullen (Burst) Test
48 ECT	275#
51 ECT	350#
71 ECT	450#

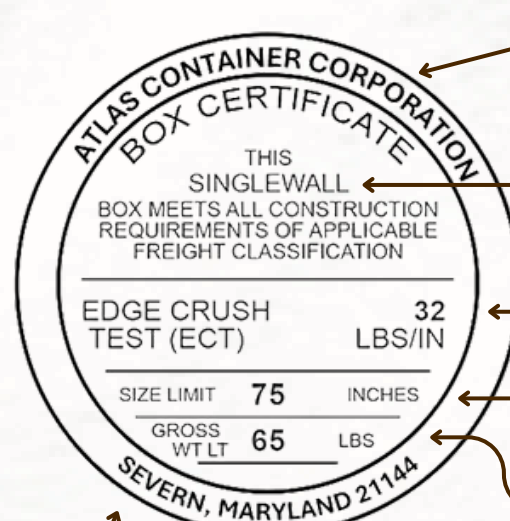
Our Triple Wall

Edge Crush Test (ECT)	Mullen (Burst) Test
90 ECT	900#
112 ECT	1100#

BOX MAKERS CERTIFICATE

Typically printed on the bottom of the box, this certificate details important information about the specific box. It identifies the box manufacturer, specifications about the box, and serves as a guarantee of quality that the box has been tested and rated.

ECT Rated



Box Manufacturer: Atlas Container Corporation

Box Construction: thickness and strength of the box sides

ECT: the vertical compression strength of the box walls (pounds per inch)

Size Limit: total sum of the outside dimensions of the box (inches)

Gross Weight Limit: maximum allowable weight of the box and its contents

City/State: where the box was made and shipped from

Mullen Rated

Bursting Test: the box's resistance to having its walls punctured (pounds per square inch)

Minimum Combined Weight Facings: the total weight of the manufactured liner before it's cut down into boxes (pounds per thousand (M) square feet)

