

Choosing the Right Box

- Understand the size, weight, and fragility of your product
- Consider how far it will be shipped and how it will be palletized
- Select a box size that closely fits the product size to minimize extra space and potential damage
- Select the right box strength for the product weight and shipping requirements
- Reach out to us for custom sizes and imprints - any branding is possible!

Example Box Description

32 ECT S/W RSC

Material Strength Corrugate Construction Box Style

Note: S/W = Single Wall D/W = Double Wall

Box Strength & Testing Standards

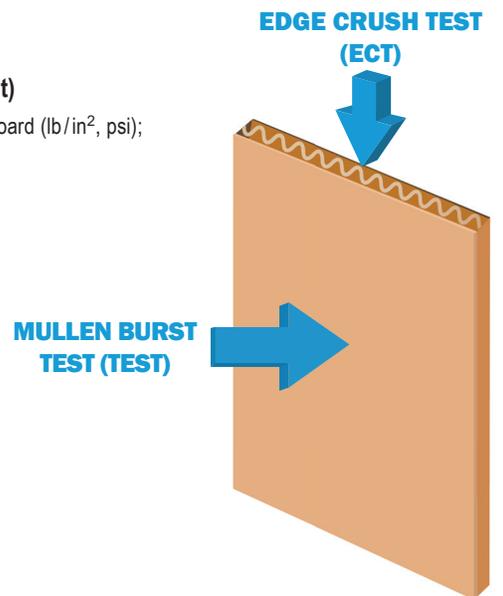
Tip : Use the Box Certificate stamp, located on the bottom of every box, to identify the strength rating and test method of the box



Edge Crush Test (ECT)
Vertical compression strength (lb/in); stacking load capacity



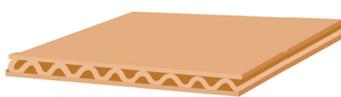
Mullen Burst Test (Test)
Pressure to rupture paperboard (lb/in², psi); puncture resistance



Box Type	Test Method	Max Load	Description	Recommended Use
32 ECT	Edge Crush Test	≤ 30 lbs	Lightweight box with basic stacking strength	Budget shipping, non-fragile items
200# Test	Mullen Burst Test	≤ 40 lbs	Stronger side-wall protection	General use, UPS / FedEx shipments
275# Test	Mullen Burst Test	≤ 65 lbs	Higher strength for heavy loads	Heavy or fragile items, long-distance transit

Corrugate Construction

Layers



Single Wall (S/W)

Standard for most shipping needs (Typically C Flute)



Double Wall (D/W)

Heavy, bulky or high-stacked loads (Typically BC Flute)

Flute Type



C Flute ~ 5/32" Thick (4.0 mm)



B Flute ~ 1/8" Thick (3.2 mm)

Additional

- E Flute (~1/16" / 1.6 mm)
- A Flute (~3/16" / 4.8 mm)
- BC Flute (~9/32" / 7.2 mm)

Box Styles



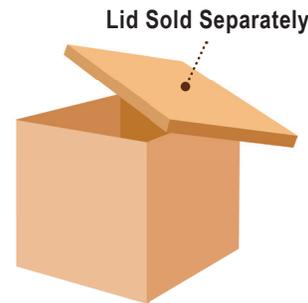
RSC (Regular Slotted Container)

Used for general-purpose shipping of consumer and industrial products



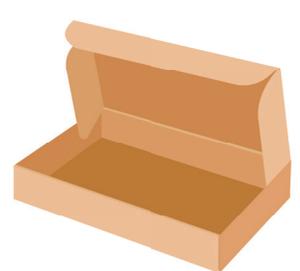
FOL (Full Overlap)

Ideal for heavy or fragile goods that need extra strength during transport



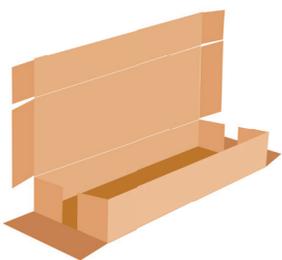
HSC (Half Slotted Container)

Commonly used as open-top bins for produce, beverages, or retail displays



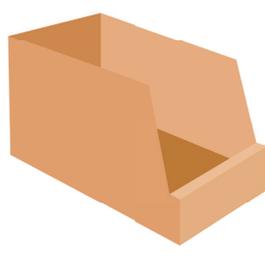
RETT (Roll End Tuck Top)

Preferred for premium retail packaging and e-commerce unboxing experiences



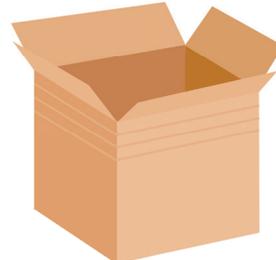
5PF (Five Panel Folder)

Best for shipping long, narrow items or short height items ([Video](#))



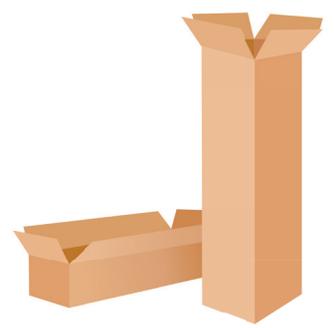
Bin Box

Great for use in pick racking or small-item fulfillment operations



Adjustable Height

Ideal for e-commerce or fulfillment centers needing flexible box heights



Long / Tall / Special Size

Specialty lengths or heights (long / tall), or specific die cutting

Measuring a Box

Always measure interior (inside) dimensions in the order of Length x Width x Height (L x W x H)

Box Dimensions (L x W x H)

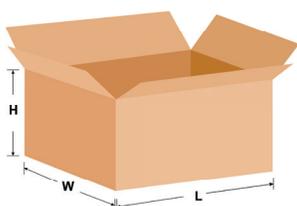
- Length = longer horizontal side, parallel to tape direction
- Width = shorter horizontal side, perpendicular to tape direction
- Height = vertical dimension

Cubic Volume

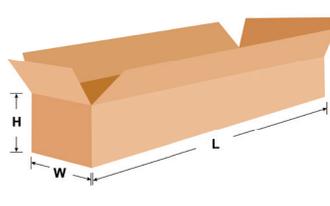
- Cubic Inches = L x W x H
- Cubic Feet = (L x W x H) / 1,728

Dimensional Weight

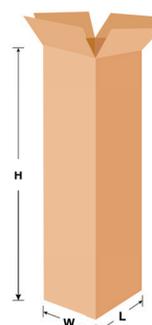
- Dim. Weight (lbs) = L x W x H (outside dimensions, rounded up to nearest inch) / 139 (freight divisor)



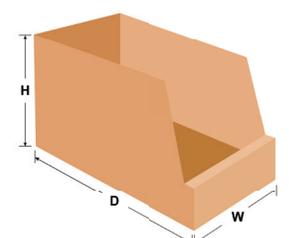
Standard Box



Long Box



Tall Box



Bin Box