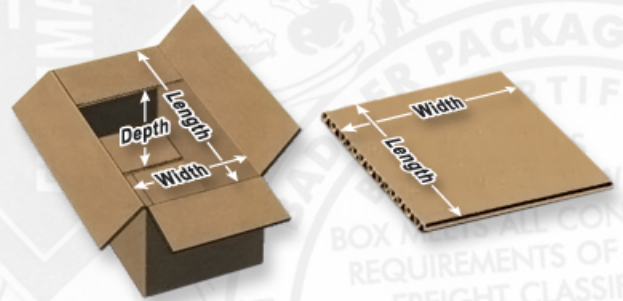


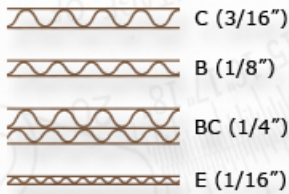


MEASURING

Box size always refers to the inner dimensions and appears in the order of length, width, and depth. Box length refers to the longest side of the opening, width refers to the shortest, and depth to the distance between where the box opens. Pad dimensions always appear in the order of width and length, where width is the direction of corrugation.



FLUTES



Flute refers to the profile of the corrugated medium. 'C' flute is the most common, followed by 'B', with both being readily available and carrying the same cost. 'BC' is the combination of 'B' and 'C' and is commonly referred to as doublewall. 'BC' is readily available and is typically used for packaging that has material requirements beyond what 'C' or 'B' (singlewall) can provide. 'E' flute is also readily available, but carries a higher minimum quantity and cost than 'C' or 'B'. 'E' flute is ideal for smaller packaging and has a superior printing surface.

ECT vs. MULLEN

Edge Crush Test (ECT) is a high performance board developed as a less expensive alternative to Mullen in cases where the primary focus is on stacking strength.

One popular myth about ECT is that it is made from 100% recycled Old Corrugated Containers (OCC) and is therefore not as reliable as Mullen. The truth is that both ECT and Mullen contain on average 43% OCC. The real difference between ECT and Mullen is that Mullen's paper fibers are crossed as opposed to ECT where the paper fibers are aligned. These aligned fibers give ECT a similar stacking strength to Mullen at a lighter basis weight, but at the cost of bursting strength.

The table below is a convenient weight and size guide for both ECT and Mullen.

Maximum Weight of Box and Contents (lbs.)	Maximum Box Dimensions Length + Width + Depth (inches)	Maximum Bursting Test (Mullen) (lbs. per sq. in.)	Maximum Edge Crush Test (ECT) (lbs. per sq. in.)
SINGLEWALL			
20	40	125	23
35	50	150	26
50	60	175	29
65	75	200	32
80	85	250	40
95	95	275	44
100	105	350	55
DOUBLEWALL			
80	85	200	42
100	95	275	48
120	105	350	51
140	110	400	61
160	115	500	71
180	120	600	82



Not sure what your box is made of? Flip it over and locate the class stamp as shown above.