

Corrugated Board Grades



Corrugated Board is made up of a variety of flutes and liners

Paper grades for outer and inner liners

- (K) KRAFT - Virgin Kraft paper
- (T2) TEST 2 - Partly recycled liner paper
- (T) TEST 3 - Fully recycled liner
- (C) CHIP - Waste based liners
- (BW) FULLY BLEACHED WHITE - Fully bleached Kraft liner
- (WT) WHITE TOP - White coated recycled liner
- (MK) MOTTLED KRAFT - Mottled white Kraft
- (OY) OYSTER - Mottled test liner

Common Paper Weights



(GSM=grams per square metre)

- 115/125 GSM
- 140/150 GSM
- 185/200 GSM
- 300 GSM



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Common Flute Grades and Weights



Common Flute Grades and Weights

Fluting is normally produced using waste based fluting (WBF) or semi-chemical fluting (SC).

Flute Weights

- 90 GSM WBF
- 105 GSM WBF - Most Common Flute Standard
- 112 SC and WBF
- 150 SC and WBF
- 175 SC and F

There are a number of common flute profiles or sizes

- A FLUTE - 5mm
- B FLUTE - 3mm
- C FLUTE - 4mm
- E FLUTE - 1.5mm
- F FLUTE - 1.2mm
- BC FLUTE - Double Wall - 6mm - Combination of B + C flutes

The various liners and fluting medium can be selected to produce a board as a single wall board or double wall board.

- Single Wall Board - 2 liners and single flute
- Double Wall Board - 3 liners and double flutes
- Triple Wall Board - 4 liners and three flutes
- Common Board Grades

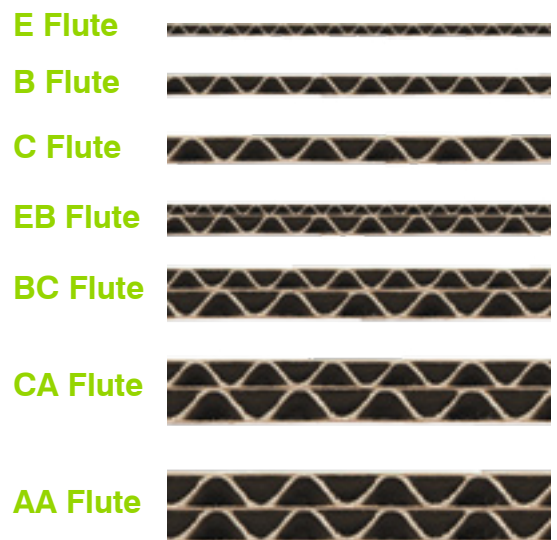
When choosing a board grade here is a guide to common board grades

Paper Combination:

- 125K/125T - B Flute - Light Standard Grade
- 150K/150T - B Flute - Common/Medium Grade/Postal Grade
- 200K/200T - B Flute - Heavier/Durable Board
- 300K/300T - B Flute - Very Heavy/Strong Board

To increase the cushioning or the stacking strength of a single wall box change the 'B flute' for a 'C Flute'.

[Click here to view this comprehensive guide to understanding carton dimensions.](#)



[Glossary and product links](#)



To view our range of single and double wall cartons click the relevant image on the right.



Single Wall Cartons



Double Wall Cartons

GLOSSARY

Chop edge - The length of the sheet

Deckle - The width of the paper or board being run on a corrugator

Double wall board - A combination of two layers of board. The board therefore comprises of: liner/fluting/liner/fluting/liner

Edge crush test - A corrugated board strength test of vertical crush resistance

Enhanced Fluting - A substitute to standard fluting that adds strength and performance to the material

Flute - A single ridge in the fluting medium or on a corrugator roll

Fluting profile - The shape of the corrugations

Grammage - Weight of paper specified as g/m² (grams per square metre)

Liner Outer - Paper used for the outside of the corrugated board

Liner Inner - Paper used for the inside of the corrugated board

Mottled - A paper liner with an off white appearance

Single face - One piece of fluting glued to one liner only

Single wall - A board combination comprising of: liner/flute/liner

Slit edge - The edge of the sheet that has the flute running parallel with it. It is also known as the width of the material



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