

Fact Sheet N°1



Paperboard grades

PAPER VS PAPERBOARD

Most paper grades are produced as 1 web (ply) on paper machines. Most paperboard grades, including Kallima, are multi-ply boards. Webs or plies are made one at a time on machines with multiple Fourdrinier sections before coming together to form a single sheet of paperboard during the drying process.

GRADES

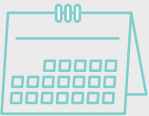
There are several commonly used paperboard grades made with different pulp grades, with varying degrees of thickness and brightness. They may be coated or uncoated.

Solid bleached sulfate (SBS)

- Single-ply
- Medium density
- Usually made of virgin bleached chemical fiber

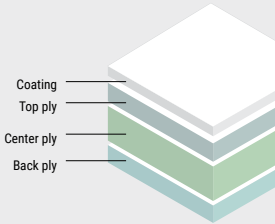
Multi-ply Boards

- Multi-ply
- Low density
- 8pt to 38pt
- Coated or uncoated





Optical properties
Print quality
Folding properties



Low bulking fibers



High bulking fibers



HOW KALLIMA STACKS UP

With its higher end features and lower caliper offering ranging from 8pt to 16pt, Kallima is better defined as a **lightweight coated cover** in the North American market.

Kallima 3-ply paperboard is lighter than SBS while providing similar optical and physical properties, making it a **cost-effective choice** for a wide range of applications.

MAKING KALLIMA

Kallima achieves its basis weight advantage with a high-bulk, low-density construction.

One layer of high-yield pulp is sandwiched between top and bottom layers of bleached chemical pulp.

The top side is coated and the backside is either uncoated, lightly coated or fully coated. We express these variations as Kallima **C1S**, Kallima **C1S Plus** or Kallima **C2S**.

High bulking pulps are used in the middle plies to yield **lighter paperboard per printing area**, while the chemical pulps provide a **smooth and consistent print surface**.

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