

FreezerBoard



Designed for freezer performance

- Made from our proprietary blend of 100% recycled fibers (up to 65% post-consumer)
- An ideal substrate for hundreds of frozen food packaging such as:
 - > Frozen dinner and entrees
 - > Meat, pizza, fish
 - > Bakery, dessert, breakfast
- Superior certifications and compliances:
 - > CFIA and FDA compliant for aqueous, fatty and dry food direct contact
 - > CONEG and 94/62/EC legislation for heavy metals
 - > The California EPA Proposition 65
 - > REACH and RoHS compliant
 - > Ozone-Depleting Chemical Free manufacturing and Chlorine-free process
- Natural and recyclable moisture resistant agent (non-polymer and non-wax based)
- Exceptional food protection during freeze thaw cycle which preserves product integrity from factory through to consumer consumption
- Eight-ply 100% North American double clay coated surface for excellent graphic reproduction with brown backside
- Stronger, stiffer and denser than the average paperboard as per Recycled Paperboard Technical Association annual survey (RPTA)



Tangible results. Infinite possibilities.

FreezerBoard

Product Structure

Clay Coating	100% North American source double clay coating
Top Liner	Sorted office waste and computer print-out paper
Filler Fiber	Double lined kraft, old corrugated cartons, boxboard, newsprint

Technical Properties

Caliper	Microns	450	500	550	600	650	700	750	800
	Point	18	20	22	24	26	28	30	32
Target Basis Weight	gsm	385	415	445	475	510	545	580	620
	pounds per msf	79	85	91	97	104	112	119	127
Target Stiffness	MD taber unit	280	370	460	560	690	870	1015	1190
Minimum Stiffness	MD taber unit	225	295	415	480	550	725	840	1020
Target Stiffness	CD taber unit	95	115	140	170	210	270	315	390
Minimum Stiffness	CD taber unit	80	90	115	140	155	215	255	330

All Calipers

	Target	Minimum	Maximum
Caliper (microns)		-25	+25
Parker Print Surface Smoothness (um)	2.2	n/a	3.2
I.G.T. (blister)	20	10	n/a
Clay surface brightness (%ISO)	80	78	n/a
ZDT plybond (psi)	60	45	n/a
Boxboard moisture (%)	6.5	5.5	7.5
Ink receptivity (%)	30	25	n/a
Moisture Resistance	Grade II - 1,200 seconds	50	n/a
Moisture Resistance	Grade V - 3,000 seconds	35	n/a

Custom Properties

Backside color	Available in a gray backside
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Superior Frozen Food Protection



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