



Specification Sheet

Strathcote

Product Description

Strathcote is manufactured from 100% post-use recycled waste paper fibres. Approximately 57% of this post-use waste paper is defined as post-consumer material and 43% is defined as industrial scrap.

Strathcote features a double clay coated surface and a light grey back liner for general folding carton applications. Strathcote is an ideal substrate for a wide range of consumer packaging applications where the appearance of the back liner is of importance. Strathcote can be converted into a range of end uses. The most common include consumer packaging for food products, general household products, clothing, gift boxes, hardware and blister packaging. Strathcote with Grade II (1,200 seconds) or Grade V (3,000 seconds) sizing is an ideal substrate for frozen food packaging applications or multi-pack beverage packaging.

Strathcote is a denser, stiffer, brighter and higher plybond grade of boxboard. These positive measures of boxboard properties, as verified by the Recycled Paperboard Technical Association (RPTA), differentiate Strathcote in the market.

Strathcote is in compliance for direct food contact under the regulatory frameworks of both the US Federal Food and Drug Administration Act (FDA) and the California EPA Proposition 65. Strathcote is also in compliance with the provisions of the model state law, CONEG, for heavy metal content. Metal detection capabilities to a particle size of 1.0 mm are available on sheeted stock.

Product Structure

Strathcote is a multi-ply sheet with a double clay coating applied over a top liner of recycled pulp substitute fibres such as computer print out paper and sorted office waste paper with a recycled filler fibre base. The filler fibre is comprised of double lined kraft, old corrugated cartons, boxboard and newsprint. In addition, Strathcote can be produced with an application of a special biodegradable sizing agent to provide moisture resistance to the boxboard.

Technical Properties

Caliper:	(microns)	450	500	550	600	650	700	750	800
	(point) approximate	18	20	22	24	26	28	30	32
Average Basis Weight:	(g/m ²)	385	415	445	475	510	540	575	615
	(lb/1000 ft ²)	79	85	91	97	104	111	118	126
Average Stiffness:	(Taber units) MD	280	370	460	560	690	830	965	1130
	(Taber units) CD	95	115	140	170	210	250	300	370
Minimum Stiffness:	(Taber units) MD	225	295	415	480	550	670	815	915
	(Taber units) CD	85	90	115	140	155	200	260	300

	Standard	Minimum	Maximum
Caliper (microns)	–	-25	+25
Parker print surface smoothness (um)	2.4	n/a	3.4
I.G.T. (blister)	20	10	n/a
Clay surface brightness (% ISO)	80	79	n/a
ZDT plybond (psi)	65	45	n/a
Boxboard moisture (%)	6.6	6.0	8.0
Ink receptivity (%)	30	25	40
Moisture resistance – Grade II (grams)	50	n/a	60
Moisture resistance – Grade V (grams)	35	n/a	45