

Omni-Kote®

Folding Cartonboard 14 pt - 20 pt

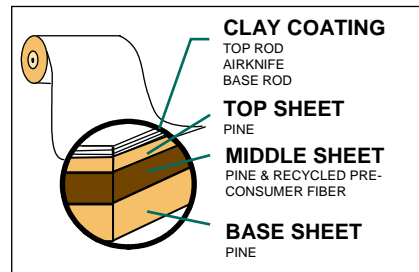
Product Profile - International

Description

A lightweight caliper sheet for most consumer products folding carton applications. Designed to provide outstanding package and packaging line efficiency and performance.

Features

- ◆ Made from solid unbleached sulfate virgin kraft fiber
- ◆ Three plies
- ◆ Triple layers of clay coating
- ◆ Naturally beautiful brown back
- ◆ High stiffness
- ◆ High resistance to tear, puncture and corner crush



Produced at Graphic Packaging International
Paper Machine #1, Macon, Georgia, USA

Advantages

- ◆ Economic alternative to SBS
 - ❖ Unbleached process uses no chlorine and produces no dioxin
- ◆ Excellent graphic reproduction for eye-catching packages
- ◆ Superior carton performance during carton distribution
- ◆ Efficient, reliable performance on high-speed packaging lines
- ◆ Performance alternative to CRB
 - ❖ Improved stiffness and yield for package integrity
 - ❖ Typically maintain CD stiffness at 2-3 caliper drop
 - ❖ Lower fossil fuel use
- ◆ Meets U.S. FDA requirements for food packaging
- ◆ Made from renewable and renewed resource - trees in Southeast U.S.

Inspection Standards

The following defects are not allowed: scabs, holes, unmarked splices, wrinkles, calendar cuts, shaving/scrap in rolls

Slitting and Winding Requirements

- ◆ Roll widths are cut and sold to the nearest 1/8"
- ◆ Roll width tolerance is +/- 1/16"
- ◆ Roll diameter tolerance is +/- 1/2"
- ◆ Splices - No closer than 1" of diameter, max 2 per roll
- ◆ Telescoping - Not to exceed 1/2", measured from core to top of roll
- ◆ Cores - Not to extend more than 1/4" from either side of roll
- ◆ Edges - Clean cut (dust free)

Machine Trim

- ◆ 14 to 15 pt 193"
- ◆ 16 to 20 pt 194"



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Technical Specifications - International

Caliper (0.001 ")	TAPPI								
	T441	Nominal	.014	.015	.016	.017	.018	.020	
		Range	.013-.015	.014-.016	.015-.017	.016-.018	.017-.019	.019-.021	
Thickness (microns)		Nominal	356	381	406	432	457	508	
Basis Weight (lbs/msf)	T410	Nominal	62	65	68	71	74	80	
Grammage (g/m ²)		Nominal	303	317	332	347	361	390	
		Minimum	278	288	302	318	334	362	
Taber Stiffness (gf.cm)	MD	T489	Nominal	155	182	210	245	290	355
			Minimum	132	155	179	208	247	302
	CD		Nominal	80	90	100	117	140	165
			Minimum	68	76	85	99	119	140
(mN.m)	MD		Nominal	15.2	17.8	20.6	24.0	28.4	34.8
			Minimum	12.9	15.2	17.6	20.4	24.2	29.6
	CD		Nominal	7.8	8.8	9.8	11.5	13.7	16.2
			Minimum	6.7	7.5	8.3	9.7	11.7	13.7
L&W Stiffness 15° (mN)	MD	T556	Nominal	314	369	426	497	588	720
	CD		Nominal	162	183	203	237	284	335
Elmendorf Dry Tear (mN)	MD	T414	Nominal	3628	3923	4217	4511	4707	5296
			Minimum	1324	1716	1863	2108	2354	2795
	CD		Nominal	4119	4413	4707	5001	5197	5786
			Minimum	1716	1932	2256	2501	2746	3187
	T538	Nominal	90	90	90	90	90	90	

Sheffield Smoothness

Odd calipers available only on special order. Inquire for minimum quantity, trim and run schedule.

Specs Common to All Calipers

	Gloss 75°	Scott Ply Bond	GE Brightness	ISO* Brightness	%Moisture
Nominal	55	100	80	79	7
Range	MINIMUM 45	MINIMUM 50	MINIMUM 78.5		6.0-8.0
TAPPI	T480	T833	T452	T525	T412

All physical measurements done at 23°C 50% relative humidity.

Stiffness measurements made using Taber at 15° (Tappi T489).

Specifications are for quality control measures of paperboard samples from mill reels.

Measurements taken after sheeting or other conversion processes may not match these specifications.

*Values are based on approximate conversion factors rather than actual test data