

Omni-Kote®

Folding Cartonboard 14 pt - 20 pt

Description

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

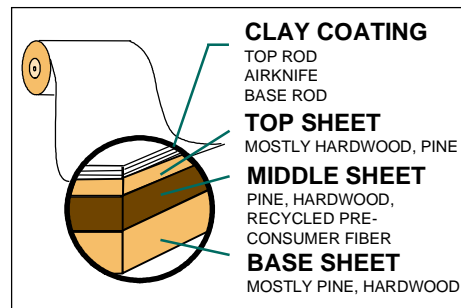
Features

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

Advantages

- ◆ Economic alternative to FBB and SBS
 - ❖ Unbleached process, dioxin and chlorine free
- ◆ Excellent graphic reproduction for eye-catching packages
- ◆ Superior carton performance during carton distribution
- ◆ Efficient, reliable performance on high-speed packaging lines
- ◆ Performance alternative to WLC and 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
- ◆ ISEGA certified for food packaging
- ◆ Made from renewable, renewed resource - trees in Southeast U.S.

Product Profile - International



Produced at Riverwood International
Paper Machine #1, Macon, Georgia, USA

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 pt 194.5"
- ◆ 15 pt 195"
- ◆ 16 to 20 pt 196.375"

ISSUE DATE: 1.May.01

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Technical Specifications - International

Caliper (0.001 ")	TAPPI									
	T441	Nominal	.014	.015	.016	.017	.018	.019	.020	
		Range	.0132-.0148	.0142-.0158	.0152-.0168	.0162-.0178	.0172-.0188	.0182-.0198	.0192-.0208	
Thickness (microns)		Nominal	356	381	406	432	457	483	508	
Basis Weight (lbs/msf)	T410	Nominal	62	65	68	71	74	77	80	
Grammage (g/m ²)		Nominal	305	320	330	345	360	375	390	
		Minimum	280	290	300	320	335	350	360	
Taber Stiffness (gf.cm)	MD	T489	Nominal	155	182	210	245	290	322	355
			Minimum	132	155	179	208	247	274	302
(mN·m)	CD		Nominal	80	90	100	117	140	152	165
			Minimum	68	76	85	99	119	129	140
	MD		Nominal	15.2	17.8	20.6	24.0	28.4	31.6	34.8
			Minimum	12.9	15.2	17.6	20.4	24.2	26.9	29.6
	CD		Nominal	7.8	8.8	9.8	11.5	13.7	14.9	16.2
			Minimum	6.7	7.5	8.3	9.7	11.7	12.7	13.7
L&W Stiffness 15°* (mN)	MD	T556	Nominal	314	369	426	497	588	653	720
	CD		Nominal	162	183	203	237	284	308	335
Elmendorf Dry Tear (mN)	MD	T414	Nominal	3628	3923	4070	4217	4462	4560	4952
			Minimum	1324	1716	1863	2108	2354	2574	2795
	CD		Nominal	3481	3972	4021	4266	4462	4560	4952
			Minimum	1716	1932	2256	2501	2746	2971	3187
Sheffield Smoothness	T538		Nominal	60	65	65	70	75	75	90
			Maximum	125	125	125	150	150	150	150

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

Specs Common to All Calipers

	Gloss 75°	Parker Print	Scott Ply Bond	GE Brightness	ISO* Brightness	% Moisture	Curl	Conditioned Curl
Nominal	55	1.9	85	81.2	80.2	7	2	
Range	MINIMUM 45		MINIMUM 50	MINIMUM 80.2		6.0-8.0	-2 to 5	MINIMUM -10
TAPPI	T480	T555	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

Effective Date: 1.May.01

