

CANDESCENCE® Cupstock

STRENGTH AND STRETCH

Food grade paperboard with a reputation for industry leading cleanliness, strength and stretch.

CLAY COATED PRODUCT USES

- Hot and cold drink cups
- Dry foods such as cereal, noodles and instant soup
- Premium ice cream, sherbet and frozen yogurt

NON-CLAY COATED PRODUCT USES

- Coffee, tea, and other hot liquids
- Instant soups
- Ice cream cups
- Cold drinks



CANDESCE® CUPSTOCK CLAY COATED TYPICAL VALUES

English	Units	12.5-146*	16-180	17-189	18-201	19-210	20-218	22-230	23-248
Caliper (nominal)	mils	12.5	16.0	17.0	18.0	19.0	20.0	22.0	23.0
Basis Weight (nominal)	lbs/3msf	146	180	189	201	210	218	230	248
Brightness	GE	83	83	83	83	83	83	83	83
b* Color	Spectro	2.3	2.3	2.3	2.3	2.3	2.3	2.3	2.3
Smoothness (printed side)	Sheffield	40	70	80	90	100	120	130	140
30 min 20% LA Edgewick	kg/m2	0.4	0.4	0.4	0.4	0.4	0.4	0.4	0.4
Plybond	lbs/in2	60	55	55	55	55	55	53	52
Stiffness – MD	g-cm	105	195	225	255	310	355	450	485
Stiffness – CD	g-cm	45	85	95	115	135	155	195	210
Stretch – MD	%	2.0	2.0	2.0	2.0	2.0	2.0	2.0	2.0
Stretch – CD	%	5.5	5.5	5.5	5.5	5.5	5.5	5.5	5.5
Metric	Units	318-238	406-293	432-308	457-327	483-342	508-355	559-374	584-404
Thickness	microns	318	406	432	457	483	508	559	584
Basis Weight	gsm	238	293	308	327	342	355	374	404
Plybond	kPa	414	379	379	379	379	379	365	359
Stiffness – MD	mN	213	396	457	518	629	721	914	985
Stiffness – CD)	mN	91	173	193	233	274	315	396	426

Both single and double sided polyethylene extrusion is available in a variety of weights, starting at 6.5 lbs. (10.6 GSM), and in matte, satin and mirror finishes. Optional flame treatment of the print side polyethylene allows for consistent ink adhesion with excellent sealing.

*Bottom Cupstock Only

CANDESCE® CUPSTOCK NON-CLAY COATED TYPICAL VALUES

English	Units	10.8-129*	11.8-141*	12.5-138*	16.5-175	17.5-185	18.0-201	19-200
Caliper (nominal)	mils	10.8	11.8	12.5	16.5	17.5	18.0	19.0
Basis Weight (nominal)	lbs/3msf	129	141	138	175	185	201	200
Brightness	GE	80	80	80	80	80	80	80
b* Color	Spectro	2.3	2.3	2.3	2.3	2.3	2.3	2.3
Smoothness (printed side)	Sheffield	220	220	175	220	230	240	250
Hot Coffee Edgewick, Coffee Mate	1/32"	2	2	2	2	2	2	2
Plybond	lbs/in2	58	58	58	55	54	54	53
Stiffness – MD	g-cm	70	90	95	205	240	275	300
Stiffness – CD	g-cm	30	40	45	90	105	120	130
Stretch – MD	%	2.0	2.0	2.0	2.0	2.0	2.0	2.0
Stretch – CD	%	5.5	5.5	5.5	5.5	5.5	5.5	5.5
Metric	Units	274-210	300-229	318-225	419-285	445-301	457-327	483-326
Thickness	microns	274	300	318	419	445	457	483
Basis Weight	gsm	210	229	225	285	301	327	326
Plybond	kPa	400	400	400	379	372	372	365
Stiffness – MD	mN	142	183	193	416	487	558	609
Stiffness – CD	mN	61	81	91	183	213	244	264

Both single and double sided polyethylene extrusion is available in a variety of weights, starting at 6.5 lbs. (10.6 GSM), and in matte, satin and mirror finishes. Optional flame treatment of the print side polyethylene allows for consistent ink adhesion with excellent sealing.

*Bottom Cupstock Only