



Tradebook Comparison Chart

MILL	BASIS WEIGHTS				SHADE
GLATFELTER					
GLATFELTER OFFSET	45	50	55	60	B18 (NATURAL)
EXTRA BULK	400	360	330	300	A50 (PUB. WHITE)
ANTIQUÉ	440	400	360	330	D37 (BLUE WHITE)
EGGSHELL	550	500	460	420	
MACHINE FINISH	640	580	520	480	
OPACITY	91	92	93	94	
FRASER					
FRASER TRADEBOOK	45	50	55	60	575 (NATURAL)
HI-BULK	400	360	330	300	576 (PUB. WHITE)
ANTIQUÉ	440	400	360	330	210 (WHITE)
EGGSHELL	490	440	400	360	
VELLUM	550	500	460	320	
SMOOTH	640	580	520	480	
OPACITY	91	92	93	94	
DOMTAR					
WESTMINSTER TRADEBOOK	45	50	55	60	NATURAL
HI-BULK	400	364	330	300	WHITE
ANTIQUÉ	450	400	360	330	
EGGSHELL	480	430	392	360	
VELLUM	520	470	430	400	
SMOOTH	570	512	466	426	
KIDSKIN	616	556	506	466	
OPACITY - HI BULK	90	91	92	93	
OPACITY - ALL OTHERS	91	92	93	94	
WEYERHAEUSER					
CLARION BOOK	45	50	55	60	17 (BLUE WHITE)
ANTIQUÉ	444	400	364	334	82 (CREAM WHITE)
EGGSHELL	472	426	386	354	
MACHINE FINISH	542	488	444	406	
ENGLISH FINISH	600	540	492	450	
OPACITY	91	92	93	93.5	



Comparison Chart, Uncoated Groundwood Papers

SUPERCAL AND SNC

PAPER MILL	BRIGHTNESS RANGE		
	78-70	69-67	66-64
Abitibi	(71) Abical A+ (SCA) 35 - 45# (70) Abical SNC70 33 - 35#	(68) Abical A (SCA) 33 - 40#	(65) Abical B (SCB) 33, 35# (65) Abical SNC65 & Roto 33, 35#
Bowater	(70) BowSCA 28 - 35#	(68) Bowater SCB+ & Roto 33 - 40#	(65) Bowater SCB+ & Roto 26 - 30# (65) BowSNC 33 - 35#
Fraser	(72) Pinnacle Plus & Roto (SCA+) 30 - 38# (72) Pinnacle & Roto (SCA) 30 - 38#	(68) SC-A & Roto (SCA) 30 - 38#	
Holmen		(69) Scanmag Offset & Roto (SCA) 35, 38, 40#	
International Paper		(69) Trilogy Roto Gloss (SCA) 28 - 40# (69) Trilogy Gloss (SCA) 30 - 40#	(65) Trilogy Insert Offset (SCB) 28 - 40# (65) Trilogy Insert Roto (SCB) 28 - 40#
Irving Paper		(68) UltraOptiGloss (SCA) 30 - 38# (68) UltraSmooth 70 33 - 35#	(65) UltraSmooth 65 33 - 35#
Kruger	(71) KII Pub (SCB+) 33, 34# (70) K-Force (SCB) 30, 32.5# (70) K Plus (SCB) 28, 33# (70) K-Print (SRC) 28, 33#		(65) K-Lite (SRC) 25, 28#



Comparison Chart, Uncoated Groundwood Papers (cont.)

SUPERCAL AND SNC

PAPER MILL	BRIGHTNESS RANGE		
	78-70	69-67	66-64
Mylykoski	(75) M-Plus & Roto (SCA+) 30 - 40.5# (75) M-Plus Satin & Roto (SCA+) 38 - 40#	(68) Symmetry & Roto (SCA) 26 - 35#	
Norske	(70) Norsc Offset (SCA) 27 - 40# (70) Electralcal 70 & Roto 33, 35#	(68) Norske Gravure (SCA) 27 - 40#	(65) Electralcal 65 (SCB) 33, 35# (Roto 33# only) (65) Electrasoft 65 & Roto (SNC) 27 - 33#
SCA	(73) Graphogrande (SCA+) 33 - 40#	(68) Graphoset + (SCA+) 31 - 40# (68) Graphogravure (SCA+) 31 - 40#	
St Mary's		(67) Sequel Roto (SCA) 33, 35# (68) Sequence (SCA) 33 - 40#	(65) Synpress Offset & Roto (SCB) 33, 35# (65) Sequence (SCA) 28, 30#
Stora Enso	(70-71) MagniPress & Roto (SCA+) 28 - 40# (70) SuperPress Matte & Roto (SCA) 27 - 40.5#	(67-68) SuperiorPress Offset & Roto (SCA) 28 - 40# (69) EnviPress Gloss & Roto (SCA) 35, 38#	
UPM Kymmene	(71-72) UPM Max (SCA) 35.1 - 40.5# (72-76) UPM Cat (SCA+) 34.5 - 40.5# (78) UPM Cat 80 (SCA++) 36.5 - 40.5# (76) UPM Lux (SCA+) 36.5 - 47.3# (78) UPM Lux 80 (SCA++) 36.5 - 47.3#	UPM Max (SCA) 30.4 - 33#	



Comparison Chart, Uncoated Papers

FREESHEET

PAPER MILL	BRIGHTNESS RANGE		
	94-92	91-88	87-83
Abitibi-Consolidated			Equal Offset* (83) 40, 42.5, 45, 50#
Blue Ridge Paper		Skyland Offset Hi-Brite (90) 50, 60#	Skyland Offset Smooth (84) 45 - 70# Skyland Offset Vellum (84) 45 - 70#
Cascades Fine Paper Group	New Life Opaque 40 - 80#, / 65#, 80# Cover ST Generation II Satin 50 - 80# / 80# Cover		
Domtar		Plainfield Plus Opaque Smooth (90) 40 - 100# / 50, 65, 80# Cover Plainfield Plus Opaque Vellum (90) 50 - 70# / 50, 65, 80 # Cover Reply Card 75# Westminster Coated Cover (88) 110, 133, 155#	Windsor Offset Smooth (84) 50 - 80# Windsor Offset Vellum (84) 50 - 60#
International Paper	Accent Opaque SM/VM (92) 40 - 80#/65, 80# Cover Accent Opaque Warm White SM (92) 50 - 70#/65, 80# Cover Accent Opaque Warm White VL (92) 60#/65, 80# Cover Accent Opaque White Lustre (92) 60, 70#	Accent 88 Plus <i>Making Orders</i>	Williamsburg Offset SM (84) 45 - 80# (7, 9 pt. 7 Hi-Gurley) Williamsburg Offset VL (84) 50, 60# (7, 9 pt. 7 pt. Hi-Gurley) Williamsburg Recycled (84) (50 - 70#)
Weyerhaeuser/Willamette	Cougar Opaque (94) 40 - 100# Lynx Opaque SM/VL (92) 40 - 80# Recycled Lynx Opaque SM/VL (92) 40 - 80# (30%)		Husky Offset Smooth (84) 40 - 70# Husky Offset Vellum (84) 45 - 60# Husky Groundwood (83) 40 - 45# Enterprise Offset (84) 40 - 70# / 75 # RC Panther Opaque 27 - 70# Bobcat Opaque SM/VL(87) 27 - 40# (10% Recycled)

*Has groundwood content/freesheet substitute



Comparison Chart, Uncoated Papers

HI-BRITE GROUNDWOOD

PAPER MILL	BRIGHTNESS RANGE			
	83-80	78-75	73-70	68-65
Abitibi-Consolidated	Alternative Offset (80) 28 - 50# Smooth/Vellum Equal Offset (83) 40 - 50#	Abibrite 75 MF (75) 30 - 45# (Also English Finish)	Abibrite 70 MF (70) 30 - 45# (Also English Finish)	Abibrite 65 (65) 30 - 45# (Also English Finish)
Blue Heron		reBrite 75 32 - 50	reBrite 72 32 - 50	reBrite 68 27.7 - 50 reBrite 65 27.7 - 50
Bowater	BowSelect 83 (83) 35 - 50# BowSelect 80 (80) 33 - 45# BowOffset (83) 40 - 50#	BowSelect 75 (75) 35 - 45#	BowSelect 70 (70) 30 - 45#	BowSelect 65 (65) 30 - 37.5# BowSelect Smooth & Roto (65) 33, 35#
Fraser	Bridge Opaque (80) 22 - 35# Bridge Supreme (83) 22 - 35#	FraMax 76 (76) 18 - 35# FraBrite 76 (76) 18 - 35#	FraMax 72 (72) 18 - 30# FraBrite 72 (72) 18 - 35#	FraMax 68 (68) 18 - 35# FraMax 65# (65) 18 - 35# FraPrint 68 (68) 18 - 35# FraPrint 65 (65) 20#
Kruger	Manistique 100 40 - 60#	Manistique 100 35 - 60#	Manistique 100 35 - 60#	Manistique 100 35 - 60#
Tembec	Temptation 83 (83) 35 - 45# Temptation 80 (80) 35 - 50#	Temptation 75 (75) 35 - 55#	Temptation 70 (70) 35 - 33#	



Comparison Chart, Coated Papers

GROUNDWOOD

PAPER MILL	BRIGHTNESS RANGE				
	84-80	79-77	76-74	73-71	70-68
Bowater	Bowbrite 80 Gloss (80) 38 - 60# BowMax 84 Gloss (84) 40 - 70#		Bowbrite 76 Gloss (76) 38 - 60# Bowbrite 76 Gloss RG (76) 36 - 50#	Bowgloss (71-72) 32 - 60# Bowgloss RG (72) 36 - 60# Bowater Recycled Gloss (72) 36 - 40 #	Bowater XB Gloss (69) 36 - 40# Bowgloss (70) 30#
Burgo		Unoweb Gloss (77-78) 43.9 - 47.3# Unoweb Matte (77-78) 38.5, 40.5#	Unoweb Gloss (76-74) 34.5 - 40.5# Uno Roto (74) 42 - 54#	Unoweb Gloss (71) 32.5# Uno Roto (71.5-73) 32.5 - 40.5#	Unoweb Gloss (69) 30.5#
Cascades	Eco Return Card (83) 95# / 7pt. Beta Web Gloss (84) 45 - 70# Beta Web Silk (83) 45 - 50# Route 88 (83) 88# Gamma Web Gloss (82) 45 - 60#				
Domtar	Schooner Gloss/Matte (84) 38 - 60# Earthcote Gloss/Matte (84) 38 - 60				
Fraser			Fracote Matte 76 (76) 32 - 45# Fracote Matte 74 (74) 26 - 45#	Fracote Offset (71) 34 - 45#	Fracote Offset (70) 26 - 32# Fracote Gravure (70) 30 - 45#
International Paper	Liberty Gloss (80) 38 - 60# Liberty Matte & Dull (80) 38 - 60# Liberty G (Roto) (80) 38 - 50#	Liberty Gloss (76-78) 32 - 36#	Advocate Dull (74) 38 - 60# Advocate Matte (74) 38 - 60#	Advocate Gloss (72) 38 - 60# Advocate Hi-Bulk (72) 36, 40# Advocate Roto (72) 30 - 50#	Advocate Gloss (69-70) 26 - 36# Advocate Hi-Bulk (70) 30 - 34# Advocate Hi-Bulk Roto (70) 32, 34#



Comparison Chart, Coated Papers (cont.)

GROUNDWOOD

PAPER MILL	BRIGHTNESS RANGE				
	84-80	79-77	76-74	73-71	70-68
Kruger			Krucote Matte (74) 38 - 45# Krucote Roto (72) 30 - 45# Krucote Hi-Bulk (71) 30 - 34#	Krukote Offset (71-72) 34 - 50#	Krukote Offset (70) 28 - 32#
Leipa	UltraLux Glossy (82-88) 40.5 - 54#	UltraMag Gloss (76) 32.5 - 43.9# UltraMag Semi-Gloss (76) 38.5 - 43.9#			
M-real					Galerie Lite (68 - 73) 24 - 36#
NewPage Inc.	Escanaba Matte (83) 45 - 50# Escanaba Enamel (83) 45 - 80# Dependoweb Gloss (80) 40 - 80#			PTO Gloss (72) 38 - 70#	
Norske Skog				Eletracote (72) 34 - 45# Valsalux & Roto (71 - 75) 34 - 47.3#	Valsalux & Roto (68 - 70) 26 - 32#
Stora Enso	PolarisPress Gloss (80) 38 - 60# PolarisPress Gloss Roto (80) 36 - 50# PolarisPress Silk (80-82) 38 - 60# NovaPress Gloss & Silk (84) 36 - 77.7#	StellaPress Delta Gloss (79) 36.5 - 47.3# StellaPress Matte (78) 36.5 - 54.1# SolarisPress (78) 32.4 - 43.9# CapriPress Matte (78) 36 - 50#	CapriPress Gloss (76) 36 - 60# CapriPress Gloss Gravure (76) 32 - 50# CapriPress Silk (76) 36 - 50# CapriPress Hi-Bulk (76) 36, 38#	ConsoPress Gloss (71-73) 32 - 45# ConsoPress Gloss Roto (72) 30-47# ConsoPress Silk (72-73) 36 - 45# ConsoPress Matte (73) 34 - 45# ConsoPress HiBulk & Roto (71-72) 32 - 38# ConsoPress Advantage (71 - 73) 30 - 40#	ConsoPress Gloss (70) 30# ConsoPress HiBulk (70) 26 - 30# ConsoPress HiBulk Gravure (70) 28 - 30#



Comparison Chart, Coated Papers (cont.)

GROUNDWOOD

PAPER MILL	BRIGHTNESS RANGE				
	84-80	79-77	76-74	73-71	70-68
Tembec	Delta Brite Gloss (82) 38 - 80# Delta Brite Dull (84) 38 - 80#	Pro2000 Gloss (79) 36.5 - 54# Surfaweb Gloss (77.5) 38 - 70# Surfaweb Dull (79.5) 38 - 70#	Mission Web Gloss & Dull (76) 36 - 70# Orleans (76) 45 - 55#	Monterey Web Gloss (72) 36 - 70# Monterey Web Dull (74) 36 - 70#	
UPM- Kymmene	UPM Ultra + (80-85) 36.5 - 54.1# UPM Ultra + RG (80-84) 38.5 - 54.1# UPM Ultra + S (85) 40.5 - 54.1# UPM Ultra (81) 43 - 60# UPM Ultra S (82 - 84) 40 - 50# UPM Ultra S RG (80 - 81) 38.5 - 43.9 # UPM Satin + (84) 36.5 - 47.3# UPM Cote S (80-82) 40.5 - 54.1#	UPM Ultra (80) 36 - 40# Kajaani (77-82) 36-5 - 47.3# UPM Cote + (76 - 80) 40.5 - 54.1# UPM Ultra + RG (79-80) 32 - 38.5# UPM Satin M (79) 34.5 - 43.9# UPM Cote + RG (77-78) 38 - 43.9 # UPM Cote & RG (79-80) 43 - 54.1# UPM Satin (76 - 80) 32.4 - 54.1# UPM Satin S (76 - 80) 32.4 - 47.3# UPM Satin M B 1.25 (80) 36 - 47.3# UPM Satin M B 1.35 (78) 32.4 - 40.5# UPM Satin M B 1.45 (80) 36.5 - 40.5# UPM Satin M B 1.60 (80) 36.5 - 50.7#	UPM Cote+ (76) 36 - 60# UPM Cote & RG (74-75) 38.5 - 40.5# UPM Satin S (76) 32.4 - 40.5#	UPM Cote (71-73) 34.5 - 38#) UPM Cote RG (72) 38 - 45# UPM Satin 72 (72) 32.4 - 40.5#	UPM Cote (68-70) 28 - 34# UMP Cote RG (70) 30 - 36#
Weyerhaeuser/Willamette				Choctaw Gloss (72) 36 - 60# Choctaw Matte (73) 40 - 50#	



Comparison Chart, Coated Papers

FRESHEET

PAPER MILL	BRIGHTNESS RANGE			
	90+	90-87	86-83	82-80
Appleton	Utopia Premium Silk Finish (91) 100 - 115# text/ 90 - 150# Cover Xtra Bright Gloss & Silk (97) 80, 100# text/80 - 120 Cover Utopia One Gloss, Dull & Matte (91) 80, 100# text/80 - 120 Cover	Utopia Two Gloss (90) 60 - 100# / 65, 80, 100, 120# Cover Utopia Two Matte (90) 50 - 100# / 65, 80, 100# Cover Utopia Two Dull (90) 60 - 100#/60, 80, 100, 120# Cover Utopia Three Matte (87) 45 - 100#/80# Cover Ultima Gloss (87) 70 - 100#/80, 100# Cover		
Cascades	Jensen Web Satin (94) 60 - 130# / 80 - 111# Cover Jensen Web Gloss (91) 60 - 100# / 80 - 111# Cover	Jensen C1S (88) 60 - 80# North 49 Matte (88) 45 - 80#	Dividend Gloss (85) 50 - 70# Route 88 (83) 88#	
Domtar		Lighthouse Gloss & Matte (88) 38 - 60#	Oceancote (84) 29 - 70#	
Fraser Papers			Snowbrite Gloss & Satin (84) 38 - 50# Snowbrite Matte (86) 40 - 50#	
International Paper	Carolina C2S (91) 7pt. - 10 pt.	Savoy Gloss & Matte (88) 60 - 100#	Influence Gloss (83-84) 45 - 100# Influence Matte (83-84) 45 - 100# Influence Soft Gloss (83-84) 45 - 80# Influence Roto (83-84) 43 - 60#	Influence Gloss (82) 40# Velocity Gloss (80-82) 38 - 100# Velocity Matte (82) 50 - 100#
Mylykoski	Alpha Brilliant (90) 47 - 75#	Alpha Wega Gloss (86) 40 - 67# Alpha Wega Silk (87) 40 - 67# M-Brite (87) 44 - 67#	Alpha Supra Gloss (84) 47 - 78# Alpha Supra Silk (85) 47 - 78# M-Brite Semi-Matte (83) 44 - 61#	Alpha Star Gloss & Silk (80) 40 - 60# EcoStar Silk (81) 40 - 60# EcoStar Gloss (80) 40 - 60#



Comparison Chart, Coated Papers (cont.)

FRESHEET

PAPER MILL	BRIGHTNESS RANGE			
	90+	90-87	86-83	82-80
M-Real	Galerie Art Gloss (100) 78 - 115#/74 - 111# Cover Galerie Art Silk (100) 78 - 115#/74 - 111# Cover Galerie Fine Silk (93) 44 - 78# Galerie Fine Gloss (91) 44 - 78# Galerie One Gloss (94) 44 - 101# Galerie One Silk (95) 44 - 101.3#	Galerie Brite (88) 38 - 54#	MWC Gloss (85) 43.9 - 67.6#	
NewPage Inc.	Signature True Gloss (96) 70 - 100# text / 80# Cover Signature True Dull (96) 70 - 100# text / 80# Cover	Sterling Ultra Gloss, Dull & Matte (90) 60 - 100# / 58 - 84# Gloss Cover / 80# Dull Cover Matte Cover 63 - 76# / 7 pt. BRC Focus Gloss (87) 45 - 100# / 80# Cover Focus Matte (87) 50 - 100# Vision Gloss & Velvet (87) 45 - 100#		
Norske Song		Valsatop H & Roto (86) 40 - 54# Valsatop Matte (86) 40 - 54#		
Pasadena		C2S Web Gloss (88) 60 - 100# / 80, 100# Cover C2S Web Matte (89) 60 - 105# / 65, 80# Cover		



Comparison Chart, Coated Papers (cont.)

FRESHEET

PAPER MILL	BRIGHTNESS RANGE			
	90+	90-87	86-83	82-80
Sappi	<p>Opus Gloss (90.5 - 91) 60 - 80# / 65, 80# Cover</p> <p>Opus Dull (91.5) 60 - 100# / 80# Cover</p> <p>Opus Matte (91.5) 60 - 80# / 65, 80# Cover</p> <p>Opus Satin 60 - 80# / 80#</p>	<p>Aero Gloss (90) 100# / 7pt. - 10pt. Cover</p>	<p>Somerset Web Gloss (83.5) 45 - 100# / 7pt., 8pt., 9pt. Cover</p> <p>Somerset Web Matte (84) 45 - 100# / 8pt., 9pt. Cover</p> <p>Somerset Satin (84) 45 - 80#</p>	<p>Belgrade Gloss (80) 40 - 70#</p> <p>Belgrade Satin (80) 40 - 70#</p>
Stora Enso	<p>Centura Gloss, Dull, Silk (96) 80 - 100# / 80#, 7pt. Cover</p> <p>Centura Matte (96) 60 - 100# / 65, 80# Cover</p>	<p>Productolith Gloss (89) 60 - 100# / 65, 80# Cover</p> <p>Productolith Dull (89) 60 - 100# / 65, 80# Cover</p> <p>Productolith Matte (89) 60-100#/65, 80, 100# Cover, 7pt. Reply Card</p> <p>Excellence Gloss & Dull (89) 45 - 60#</p> <p>ArtiPress Silk (88) 50.7 - 60.8#</p>	<p>Orion Gloss (85) 43 - 100# / 60, 80, 100# Cover</p> <p>Orion Dull (84-85) 45 - 80# / 7pt. Reply Card</p> <p>Orion Satin (84) 45 - 100# / 65, 80# Cover</p> <p>Orion Matte (84-85) 45 - 100#</p> <p>ArtiPress Gloss (86) 50.7 - 60.8#</p> <p>ArtiPress Gloss Roto (81) 50.7 - 60.8#</p>	
UPM	<p>Finesse Premium Silk (95) 60.8 - 101.4# / 63,74.1, 92.6#</p> <p>Finesse Matte (95) 47 - 101.4#</p> <p>Finesse Gloss RG (91) 54.1 - 101.4#</p> <p>Finesse Gloss (95) 47.3 - 87.8# / 63,74.1, 92.6# Cover</p> <p>Finesse Silk (95) 60.8 - 101.4# / 63,74.1, 92.6# Cover</p> <p>UPM Star Plus M (91) 47.3 - 67.6#</p>	<p>UPM Star Plus (87) 40.5 - 67.8#</p> <p>UPM Star Plus RG (87) 47.3 - 67.6#</p> <p>Star Plus S RG (88) 47.3 - 67.6#</p>		
West Linn		<p>Capistrano Gloss & Matte (87) 60 - 100# / 105# Cover</p> <p>Capistrano Suede (87.5) 60 - 100# / 7pt. Reply Card</p>	<p>Sonoma Gloss, Matte & Suede (83,5) 40 - 100#/105#, 7pt. Cover</p>	