



KONICA MINOLTA

bizhub PRO C6501/C6501P/C5501 SUBSTRATE THROUGHPUT ASSURANCE GUIDE



CONNECT COMMUNICATE CONTROL

The essentials of imaging

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As an aid to end-users of Konica Minolta's bizhub PRO C6501/C6501P/C5501, Konica Minolta Business Solutions USA, Inc. has performed testing on certain media that may be imaged through our color products. Based solely on such testing, Konica Minolta has found that the color products listed have functioned properly using the media listed during the course of testing. However, Konica Minolta can give no assurances based upon such testing that the listed media will perform for any particular end-user's Konica Minolta color product and Konica Minolta disclaims any warranty, express or implied, to such effect.

This guide does not constitute any endorsement of the listed media, and there may be other media that enable the bizhub PRO C6501/C6501P/C5501 to function properly. Please check www.mykonicaminolta.com for the latest Konica Minolta bizhub PRO C6501/C6501P/C5501 Media Guide.

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Each paper tray on the bizhub PRO C6501/C6501P/C5501 has been designed to be programmed with paper sizes and other specifications.

These paper tray settings are as follows:

- Paper type
- Name
- Weight
- Speed Setting
- Hole punching
- Colored Paper
- Separate side adjustments for duplex (horizontal and vertical)
- Air Assist (Tray 4 and 5 only)

Before printing or copying on the bizhub PRO C6501/C6501P/C5501 program the following:

PAPER TYPE

High Quality — High Quality paper is a non-coated paper generally used for offset printing. High quality paper has a high degree of whiteness. Specify [high quality] to a tray to which high quality paper is loaded.

Plain — Plain paper is used for general copying and is also called PPC paper. Plain paper is not usually a recycled paper. Specify [Plain] to the tray to which the plain paper is loaded for monochrome copying.

Color Specific — Color specific paper is a type of paper used for color copying to prevent color dulling on high quality paper. Select [Color Specific] for those trays that are used for color specific paper.

Coated — **GL** (Gloss Laser) Glossy paper for laser printing

Coated — **ML** (Matte Laser) Matte paper for laser printing

Coated — **GO** (Gloss offset) Glossy paper for offset printing

Coated — **MO** (Matte offset) Matte paper for offset printing

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PAPER NAME

Name the paper using a maximum of 22 characters

WEIGHT

Select one of the eight settings:

- 64–74 g/m²
- 75– 80 g/m²
- 81–105 g/m²
- 106–135 g/m²
- 136–162 g/m²
- 163–209 g/m²
- 210–256 g/m²
- 257–300 g/m²

ADDITIONAL HELPFUL INFORMATION

Normal Paper is classified as 60–105 g/m²

Thick Paper is classified as 91–300 g/m²

Sample copy speeds of 80 g/m² paper single-sided based on sheet size

65 sheets/minute (8.5" x 11")

35 sheets/minute (11" x 17")

42 sheets/minute (8.5" x 14")

53 sheets/minute (8.5" x 11"R)

65 sheets/minute (5.5" x 8.5")

Note: When running specific mixed substrates requiring paper setting changes within the same job (e.g. from Normal to Coated – GL) there may be a time adjustment incurred before copying operations resume due to fixing temperature adjustments.

Additional substrate details and bizhub PRO C6501/C6501P/C5501 GUI (Graphic User Interface) instructional graphics can be found in the Copy and POD Product User Guides.

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Throughput speed effects based on combination of paper weight and paper type settings.

Type	Plain/Color Specific/ High Quality		Coated – GL		Coated – ML	Coated – GO		Coated – MO
	Plain	Gloss	Plain	Gloss	Plain	Plain	Gloss	Plain
64-74 g/m ²			(Disable)	(Disable)	(Disable)	(Disable)	(Disable)	(Disable)
75-80 g/m ²			(Disable)	(Disable)	(Disable)	(Disable)	(Disable)	(Disable)
81-105 g/m ² *								
106-135 g/m ² *								
136-162 g/m ²								
163-209 g/m ²								
210-256 g/m ²								
257-300 g/m ²								

 Air Assist will be activated automatically when Auto is selected.

 Copy speed becomes slower due to the setting for slowing down specified in Process Adj.
Copy rate will be 45 or 32 cpm (on 8.5" x 11" paper paper in simplex mode).
(Normally the Process Adj. setting is available by service only).

 Copy speed becomes faster due to the Speed Setting (with [High] selected) in Paper Setting.
Copy rate will be 65 cpm (on 8.5" x 11" paper paper in simplex mode).

 Copy speed becomes slightly slower.
Copy rate will be 45 cpm from 65 cpm
(on 8.5" x 11" paper paper in simplex mode).

 Copy speed becomes slower.
Copy rate will be 32 cpm from 65 cpm
(on 8.5" x 11" paper paper in simplex mode).

* The coated paper of certain brand can not be used with installation environment.
Contact your service representative.

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bizhub PRO C6501/C6501P/C5501 OFFICIALLY APPROVED PAPER STOCKS

Bond	Weight	PAPER SIZE					
		11"x 17"	8.5"x 14"	8.5"x 11"	5.5"x 8.5"	12"x 18"	12.38"x 18.12"
Hammermill Tidal	75 g/m ²	●	●	●	●		
Hammermill Color Copy Photo White	28 lb./105 g/m ²	●	●	●		●	
Domtar Microprint Color Copy	28 lb./105 g/m ²	●		●			
Gilbert Neutech Color Copy	28 lb./105 g/m ²	●	●	●			
Spectrum Multi System	24 lb./90 g/m ²	●					
Hammermill Color Copy Photo White	32 lb./120 g/m ²	●		●			
Cover							
Hammermill Color Copy Cover	60 lb./163 g/m ²	●		●			
Hammermill Color Copy Cover	80 lb./216 g/m ²	●		●			
Domtar Microprint Color Copy	65 lb./176 g/m ²	●		●			
Domtar Microprint Color Copy	80 lb./216g/m ²	●		●			
Coated							
Hammermill Color Copy Gloss	32 lb./120 g/m ²	●		●			
Kromekote Laser High Gloss C2S text	90 lb./133 g/m ²	●		●			
Domtar Luna Gloss text	80 lb./118 g/m ²	●					
Domtar Luna Gloss text	100 lb./148 g/m ²	●					
Stora Enso Futura Laser text	80 lb./118 g/m ²	●		●			
Domtar Luna Gloss Cover	80 lb./216 g/m ²	●					
Domtar Luna Gloss Cover	100 lb./271 g/m ²	●					
Stora Enso Futura Laser Cover	80 lb./216 g/m ²	●		●			
Sappi Opus Gloss Cover	80 lb./216 g/m ²	●		●			
Smart Kromekote Plus C2S	12 pt./278 g/m ²			●			●
Smart Kromekote Plus C1S	10 pt./244 g/m ²	●		●			
Smart Kromekote Laser High Gloss C1S	12 pt./278 g/m ²	●					
Domtar Microprint Coated laser Gloss (C2S) Cover	80 lb./216 g/m ²	●					
International Paper Carolina C2S Cover	10 pt./244 g/m ²	●		●			
International Paper Carolina C1S Cover	10 pt./244 g/m ²	●		●			
Sterling Ultra Gloss Cover	80 lb./216 g/m ²	●		●			
Index							
Springhill Index Plus	90 lb./163 g/m ²			●			
Springhill Index Plus	110 lb./199 g/m ²			●			
Label							
Avery 5160				●			

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bizhub PRO C6501/C6501P/C5501 TESTED AND CONFIRMED PAPER STOCKS

The following substrates were extensively tested by Konica Minolta Business Solutions for the following, but not limited to, print quality, jamming, separation, fusing, wrinkling blistering , paper feed, accessory throughput, including booklet saddle stitching and folding stapling and finishing. At this time Konica Minolta Business Solutions cannot certify this media as Officially Approved Paper Stock nor consider these approved to run at production levels on the bizhub PRO C6501/C6501P/C5501.

However occasional use can be recommended with the understanding that if any of the aforementioned substrate throughput conditions occur, use of these materials should immediately cease and Konica Minolta Business Solutions will not be held responsible nor be liable to take action to correct situations or conditions resulting from their use.

Type	Company	Product Name	Size	g/m² Weight	lb. Weight
Bristol	Wausau	Exact Vellum Bristol	8.5" x 11"	145	67 lb.
Gloss	Stora Enso North America	Futura laser Dull Cover	11" x 17"	216	80 lb.
Gloss	Stora Enso North America	Futura laser Gloss Cover	11" x 17"	270	100 lb.
Gloss	Stora Enso North America	Futura laser Gloss (Text)	8.5" x 11"	115	80 lb.
Gloss	International Paper	Hammermill Color Copy Gloss Cover	11" x 17"	216	80 lb.
Gloss	Smart	Knightkote Matte Text for HP Indigo	12" x 18"	118	80 lb.
Gloss	Smart	Kromekote Laser High Gloss C2S – Ultra Gloss Cast Coat	11" x 17"	234	10 pt.
Gloss	Smart	Kromekote® Plus C2S	12" x 18"	265	12 pt.
Gloss	Lasercast	Lasercast 95 C2S	8.5" x 11"	144	95 lb.Text
Gloss	Sappi Paper	Sappi Opus Gloss text	8.5" x 11"	147	100 lb.
Bristol	Smart	Vellum Bristol Torchglow Cool White and Pearl White	11" x 17"	147	67 lb.

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EQUIVALENT WEIGHT

Bond	Offset	Cover	Tag	Index	Points	Caliper	Millimeters	Metric (g/m²)
16	40	22	37	33	3.2	0.0032	0.081	60.2
18	45	24	41	37	3.6	0.0036	0.092	67.72
20	50	28	46	42	3.8	0.0038	0.0097	75.2
24	60	33	56	50	4.8	0.0048	0.012	90.3
28	70	39	64	58	5.8	0.0058	0.147	105.35
29	73	40		60	6	0.006	0.152	109.11
31	81	45	73	66	6.1	0.0061	0.155	116.63
35	90	48	80	74	6.2	0.0062	0.157	131.68
36	90	50	82	75	6.8	0.0068	0.173	135.45
39	100	54	90	81	7.2	0.0072	0.183	146.73
40	100	56	93	83	7.3	0.0073	0.185	150.5
43	110	60	100	90	7.4	0.0074	0.188	161.78
44	110	61	102	92	7.6	0.0076	0.193	165.55
47	120	65	108	97	8	0.0078	0.198	176.83
53	135	74	122	110	9	0.0085	0.216	199.41
54	137	75	125	113	9	0.0090	0.229	203.17
58	146	80	134	120	9.5	0.0092	0.234	218.22
65	165	90	150	135	10	0.0095	0.241	244.56
67	170	93	156	140	10.5	0.010	0.25	252.08
72	183	100	166	150	11	0.011	0.289	270.9
76	192	105	175	158	13	0.013	0.33	285.95
82	208	114	189	170	14	0.014	0.356	308.52
87	220	120	200	180	15	0.015	0.38	312
105	267	146	244	220	18	0.0175	0.445	385.06

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Design & specifications are subject to change without notice.



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