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media guide\_office workgroup products v1.0



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### **Purpose of the Media Guide**

The purpose of this media guide is to educate our customers on basic paper characteristics, paper handling, general precautions, and proper storage as related to our MFP and printer products. Use this media guide to help select the best media appropriate for your general office use, marketing brochure or collateral, booklet, or any other graphic art output.

We also offer recommended media by product that can be ordered directly from Konica Minolta to ensure high quality printing and desired machine performance. Not all media recommended within this guide can be ordered directly through Konica Minolta, you must contact the manufacturer to purchase the media.

### **Disclaimer**

As an aid to end-users of Konica Minolta MFP and printer products, Konica Minolta Business Solutions U.S.A. Inc. (KMBS) has performed testing on certain media that may be printed by Konica Minolta's products. Based solely on such testing, KMBS has found that the products listed have functioned properly using the media listed during the course of testing. However, KMBS can give no assurances based upon such testing that the listed media will perform for any particular end-user's product, and KMBS disclaims any warranty, express or implied, to such effect.

KMBS recommends that each end user consult with its servicing dealer both to confirm that use of any listed media with the end user's product will not affect any servicing agreement with such dealer, and that the product is maintained in the appropriate environmental and other conditions stated in the product's operator's manual so as to optimize the possibility for replicating the results achieved in KMBS testing. This guide does not constitute an endorsement of the listed media, and there may be other media that enable the listed products to function properly.

Please note that the print media listed has been tested and approved for use in MFP and printers sold in the Americas only. Using certain media may affect fuser yield life.

For complete overview on product usage, please refer to the product's user manual.

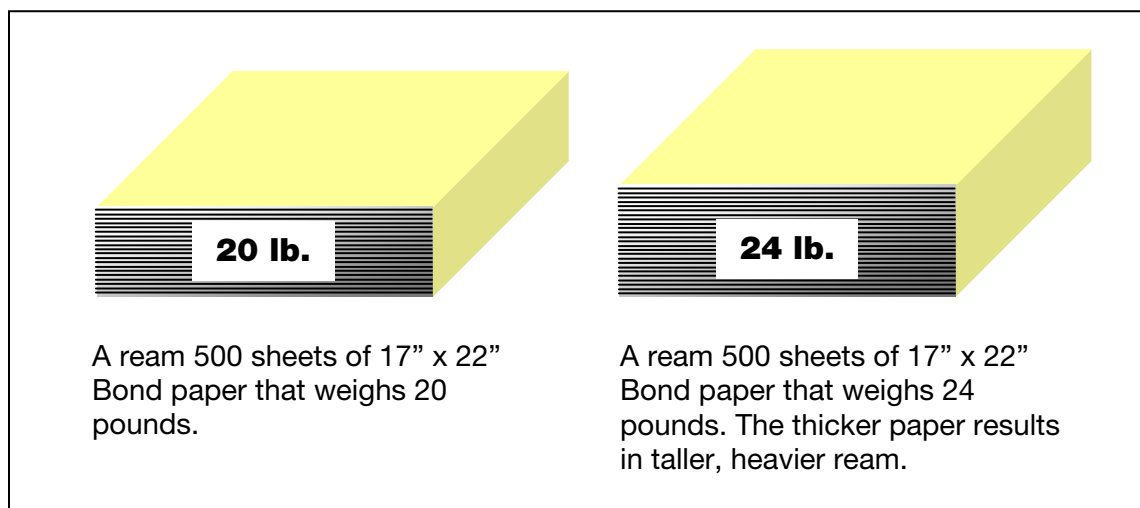


## Paper Basis Weight

The basis weight refers to the weight in pounds of 500 sheets of paper when it has been cut to that paper's standard basic size. For example the basic size for Bond paper is 17 x 22 inches. If 500 sheets (a ream) of Bond is cut to its basic size of 17 x 22 inches and weighs 20 pounds, it is classified as 20 lb. bond. If a 17 x 22" ream of Bond paper weighed 24 pounds it would be called 24 lb. Bond, and so on. The chart below contains some common paper types and their basic size.

| Paper Type       | Basic Size        |
|------------------|-------------------|
| Bond             | 17" x 22"         |
| Ledger           | 17" x 22"         |
| Offset           | 25" x 38"         |
| Book             | 25" x 38"         |
| Cover            | 20" x 26"         |
| Index Bristol    | 25-1/2" x 30-1/2" |
| Vellum Bristol   | 22-1/2" x 28-1/2" |
| Printing Bristol | 22-1/2" x 28-1/2" |
| Tag / Newsprint  | 24" x 36"         |

## Paper Ream Comparison

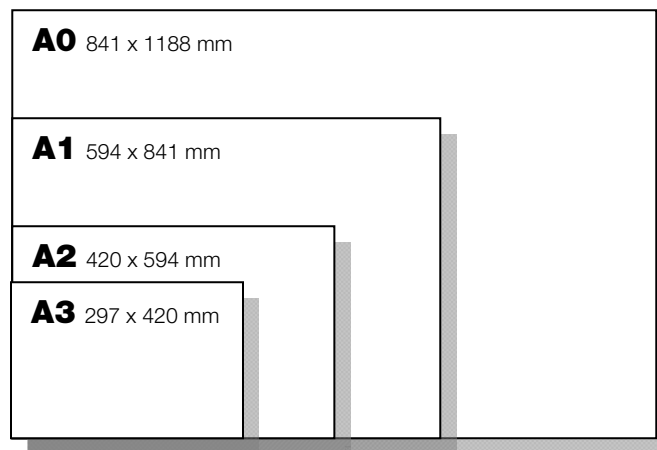


### Paper Size Standards

#### ISO Size Standards

The International Organization for Standardization (ISO) has established standards for paper sizes based on the metric system (millimeters). The standards have been grouped into three different series of requirements: "A-series", for general printing, "B-series", for posters, and "C-series", for envelopes, postcards, and folders. The "A" series is the most commonly used with sizes ranging from A0, which is the largest, down to A8.

The A-series sizes are all represented as a part of the area of one square meter with a length to width ratio of 1.414. The size A0 is equivalent to the area of a square meter with each smaller size being 50% of the size of the preceding one. A1 is 50% of the area of A0, A2 is 50% of A1, and so on. Another way to look at it is that when an A0 sheet is cut in half, two A1 sheets are produced, and when an A1 sheet is cut in half, two A2 sheets are produced. Some of the sizes for the A-series are shown in the illustration below.



Sheets Sizes based on ISO Standards

In the metric system, paper is based on the weight of 500 sheets of paper that measures one square meter. This measurement is known as  $\text{g/m}^2$  or grams per square meter.



## Paper Size Standards

ISO Paper Sizes Chart

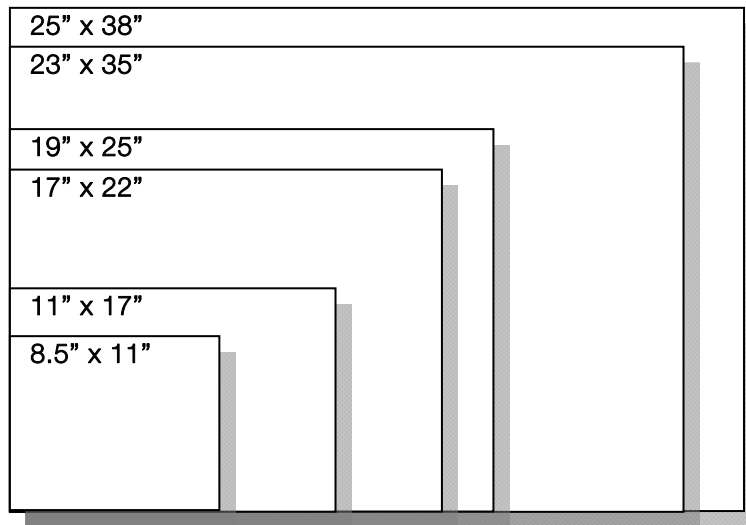
|                      | millimeters |   |      | inches |   |       |
|----------------------|-------------|---|------|--------|---|-------|
| <b>A0</b>            | 841         | x | 1189 | 33.11  | x | 46.81 |
| <b>A1</b>            | 594         | x | 841  | 23.39  | x | 33.11 |
| <b>A2</b>            | 420         | x | 594  | 16.54  | x | 23.39 |
| <b>A3</b>            | 297         | x | 420  | 11.69  | x | 16.54 |
| <b>A4</b>            | 210         | x | 297  | 8.27   | x | 11.69 |
| <b>A5</b>            | 148         | x | 210  | 5.83   | x | 8.27  |
| <b>A6 (postcard)</b> | 105         | x | 148  | 4.13   | x | 5.83  |
| <b>A7</b>            | 74          | x | 105  | 2.91   | x | 4.13  |
| <b>A8</b>            | 52          | x | 74   | 2.05   | x | 2.91  |
| <b>A9</b>            | 37          | x | 52   | 1.46   | x | 2.05  |
| <b>A10</b>           | 26          | x | 37   | 1.02   | x | 1.46  |
| <b>B0</b>            | 1000        | x | 1414 | 39.37  | x | 55.67 |
| <b>B1</b>            | 707         | x | 1000 | 27.83  | x | 39.37 |
| <b>B2</b>            | 500         | x | 707  | 19.69  | x | 27.83 |
| <b>B3</b>            | 353         | x | 500  | 13.9   | x | 19.69 |
| <b>B4</b>            | 250         | x | 353  | 9.84   | x | 13.9  |
| <b>B5</b>            | 176         | x | 250  | 6.93   | x | 9.84  |
| <b>B6</b>            | 125         | x | 176  | 4.92   | x | 6.93  |
| <b>B7</b>            | 88          | x | 125  | 3.46   | x | 4.92  |
| <b>B8</b>            | 62          | x | 88   | 2.44   | x | 3.46  |
| <b>B9</b>            | 44          | x | 62   | 1.73   | x | 2.44  |
| <b>B10</b>           | 31          | x | 44   | 1.22   | x | 1.73  |
| <b>C0</b>            | 917         | x | 1297 | 36.1   | x | 51.06 |
| <b>C1</b>            | 648         | x | 917  | 25.51  | x | 36.1  |
| <b>C2</b>            | 458         | x | 648  | 18.03  | x | 25.51 |
| <b>C3</b>            | 324         | x | 458  | 12.76  | x | 18.03 |
| <b>C4 (envelope)</b> | 229         | x | 324  | 9.02   | x | 12.76 |
| <b>C5 (envelope)</b> | 162         | x | 229  | 6.38   | x | 9.02  |
| <b>C6 (envelope)</b> | 114         | x | 162  | 4.49   | x | 6.38  |
| <b>C7</b>            | 81          | x | 114  | 3.19   | x | 4.49  |
| <b>C8</b>            | 57          | x | 81   | 2.24   | x | 3.19  |
| <b>C9</b>            | 40          | x | 57   | 1.57   | x | 2.24  |
| <b>C10</b>           | 28          | x | 40   | 1.1    | x | 1.57  |



### Paper Size Standards

#### North American Size Standards

Although the ISO size standards are common in many parts of the world where the metric system is the established standard for measurement, North American sheet sizes are based on inches and are shown in the illustration below.



Sheets Sizes based on North American Standards

Some paper manufacturers specify their paper on a thousand-sheet basis. The label may state something like "25 x 38 - 140M". This refers to book grade paper (based on basis size), weight of 140 pounds with the "M" standing for 1000 sheets. Since we commonly refer to paper based on basis weight of 500 sheets, this would equate to 70 lb. book stock. The 140M is 140 pounds for 1,000 sheets - divide by 2 and you have 70 lb. for 500 sheets.

Paper with specifications similar to "24/60 lb. (90 g/m<sup>2</sup>)" refers to a 24 lb. bond or 60 lb. book grade paper. Refer the paper weight conversion chart on page 10.





## Paper Size Standards

### Common Paper Sizes in North America

| <b>Domestic</b>   | <b>inches</b> |   |       |
|-------------------|---------------|---|-------|
| Special           | 11.7          | x | 19.5  |
| Universal         | 11.69         | x | 17.69 |
| Ledger, B, Double | 11            | x | 17    |
| Legal             | 8.5           | x | 14    |
| Small Legal       | 8.5           | x | 13    |
| Letter, A         | 8.5           | x | 11    |
| Folio             | 8.28          | x | 13    |
| Commercial        | 8.28          | x | 10.63 |
| Foolscap          | 8             | x | 13    |
| Quarto            | 8             | x | 10    |
| Executive         | 7.25          | x | 10.5  |
| Statement, Half   | 5.5           | x | 8.5   |

| <b>Envelopes</b> | <b>inches</b> |   |       |
|------------------|---------------|---|-------|
| COM 9            | 3.88          | x | 8.88  |
| COM10            | 4.13          | x | 9.5   |
| COM 11           | 4.5           | x | 10.39 |
| COM 12           | 4.75          | x | 11    |
| Monarch E        | 3.88          | x | 7.5   |
| DL               | 4.33          | x | 8.67  |
| C5               | 6.38          | x | 9.02  |

## Media Guide: Office Workgroup Products v1.0

### Paper Weight Conversion Chart

| <b>g/m<sup>2</sup></b><br>(one square meter) | <b>Bond</b><br>(17" x 22") | <b>Cover</b><br>(20" x 26") | <b>Bristol</b><br>(22.5" x 28.5") | <b>Index</b><br>(25.5" x 30.5") | <b>Book</b><br>(25" x 38") |
|----------------------------------------------|----------------------------|-----------------------------|-----------------------------------|---------------------------------|----------------------------|
| 44                                           | 12                         | 16                          | 20                                | 24                              | <b>30</b>                  |
| 49                                           | <b>13</b>                  | 18                          | 22                                | 27                              | 33                         |
| 59                                           | 16                         | 22                          | 27                                | 33                              | <b>40</b>                  |
| 60                                           | 16                         | 22                          | 27                                | 33                              | 41                         |
| 61                                           | <b>16</b>                  | 23                          | 28                                | 34                              | 41                         |
| 67                                           | 18                         | 25                          | 31                                | 37                              | <b>45</b>                  |
| 74                                           | 20                         | 27                          | 34                                | 41                              | <b>50</b>                  |
| 75                                           | <b>20</b>                  | 28                          | 34                                | 41                              | 51                         |
| 81                                           | 22                         | 30                          | 37                                | 45                              | 55                         |
| 89                                           | 24                         | 33                          | 41                                | 49                              | <b>60</b>                  |
| 90                                           | <b>24</b>                  | 33                          | 41                                | 50                              | 61                         |
| 96                                           | 26                         | 36                          | 44                                | 53                              | 65                         |
| 104                                          | 28                         | 38                          | 47                                | 58                              | <b>70</b>                  |
| 105                                          | <b>28</b>                  | 39                          | 48                                | 58                              | 71                         |
| 111                                          | 30                         | 41                          | 51                                | 61                              | 75                         |
| 118                                          | 31                         | 44                          | 54                                | 65                              | <b>80</b>                  |
| 120                                          | <b>32</b>                  | 44                          | 55                                | 66                              | 81                         |
| 125                                          | 33                         | 46                          | 57                                | 69                              | 85                         |
| 133                                          | 35                         | 49                          | 61                                | 74                              | <b>90</b>                  |
| 135                                          | <b>36</b>                  | <b>50</b>                   | 62                                | 75                              | 91                         |
| 147                                          | 39                         | 54                          | 67                                | 81                              | 99                         |
| 148                                          | 39                         | 55                          | <b>67</b>                         | 82                              | <b>100</b>                 |
| 149                                          | 40                         | 55                          | 68                                | 82                              | 101                        |
| 150                                          | <b>40</b>                  | 56                          | 68                                | 83                              | 101                        |
| 158                                          | 42                         | 58                          | 72                                | 87                              | 107                        |
| 162                                          | 43                         | 60                          | 74                                | 90                              | 110                        |
| 163                                          | 43                         | <b>60</b>                   | 74                                | <b>90</b>                       | 110                        |
| 169                                          | 45                         | 63                          | 77                                | 93                              | 114                        |
| 175                                          | 47                         | 65                          | 80                                | 97                              | 118                        |
| 176                                          | 47                         | <b>65</b>                   | <b>80</b>                         | 97                              | 119                        |
| 178                                          | 47                         | 66                          | 81                                | 98                              | <b>120</b>                 |
| 199                                          | 53                         | 74                          | 91                                | <b>110</b>                      | 135                        |
| 203                                          | 54                         | 75                          | 93                                | 112                             | 137                        |
| 216                                          | 57                         | <b>80</b>                   | 98                                | 119                             | 146                        |
| 219                                          | 58                         | 81                          | <b>100</b>                        | 121                             | 148                        |
| 243                                          | 65                         | <b>90</b>                   | 111                               | 134                             | 164                        |
| 244                                          | 65                         | 90                          | 111                               | 135                             | 165                        |
| 252                                          | 67                         | 93                          | 115                               | 139                             | 170                        |
| 253                                          | 67                         | 94                          | 115                               | <b>140</b>                      | 171                        |
| 261                                          | 69                         | 97                          | 119                               | 144                             | 176                        |
| 263                                          | 70                         | 97                          | <b>120</b>                        | 145                             | 178                        |
| 270                                          | 72                         | 100                         | 123                               | 149                             | 183                        |
| 271                                          | 72                         | <b>100</b>                  | 124                               | 150                             | 183                        |
| 284                                          | 76                         | 105                         | 130                               | 157                             | 192                        |
| 306                                          | 81                         | 113                         | <b>140</b>                        | 169                             | 207                        |
| 307                                          | 82                         | 114                         | 140                               | <b>170</b>                      | 208                        |
| 326                                          | 87                         | 121                         | 149                               | 180                             | 220                        |
| 328                                          | 87                         | 121                         | 150                               | 181                             | 222                        |
| 351                                          | 93                         | 130                         | <b>160</b>                        | 194                             | 237                        |

Items highlighted are industry standard basis weights.



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## Paper Characteristics

### **Paper Grades**

Paper grade define the use of the paper, and usually its purpose is suggested by its name. The most common grades are outlined below.

### **Bond**

This is the most common type of paper used in a business environment. Bond papers are used for standard forms and business letters. Bond paper readily accepts ink from laser printers, inkjets, typewriters and writing pens.

### **Cover**

As the name implies, this grade of paper is generally used for making covers for booklets. Cover stock can be purchased as coated and non-coated, textured and with finishes range from antique to smooth.

### **Bristol**

Bristol is considered a board grade. It's very receptive to inks, has good snap and resilience - in other words - stiff.

### **Index**

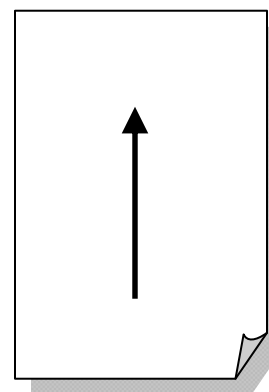
Index is commonly used as a cheap substitute to a good quality stiff paper, and is available in smooth and vellum finishes.

### **Book**

As implied by its name, this grade of paper is used for textbooks as well as general printing.

### **Paper Grain**

The grain of the paper refers to the direction of the fibers in a sheet of paper. Long grain paper refers to paper in which the fibers run in the same direction as the longest measurement of the paper. Short grain paper refers to paper in which the fibers run in the same direction as the shortest measurement of the paper. When paper is torn, it will tear easier and straighter when torn parallel with the grain. It will also fold easier parallel to the grain and produce a cleaner fold than if folded across the grain. Laser printers require long grain paper for the best results. Short grain paper may not feed properly into a laser printer and the heat produced by a laser printer may result in the sheets curling as they come out of the printer.



Long grain direction on an 8.5" x 11" sheet

### Paper Characteristics

#### Paper Finish

The finish refers to the surface characteristics of the paper such as how the paper feels...is it smooth such as glossy cover or rough with an antique finish? Does the paper have a shiny appearance such as coated glossy papers or is it dull like bond paper. Does the paper enhance the look of the printed piece similar to watermarked paper or is it purely functional like newsprint?

Finishes can be applied to paper during the manufacturing process or produced offline. A finish such as Laid can be created while it is being manufactured with the use of a marking roller that forms the pattern in the paper while it is still wet. Not all of these finished types of media are commonly imaged through MFP and printers. Typically Gloss or Matte finished media are imaged on MFP and printers.

- **Cockle** - A cockle finish simulates characteristics of hand made paper with a wavy, rippled, puckered finish. The effect is obtained by air drying the paper under minimum tension.
- **Felt** - Felt is a soft texture on uncoated paper that is created during the papermaking process with a either felt covered roller or with a rubber roller with a felt pattern that creates the finish. It can also be accomplished as an offline process. The felt finish does not affect the strength of the paper.
- **Gloss** - A gloss finish produces a shiny and reflective surface on one or both sides of certain coated papers. A higher gloss is usually seen on higher quality coated papers. The gloss finish is produced from compounds added during the paper making process.
- **Laid** - A laid finish has the appearance of translucent lines running horizontally and vertically in the paper. It is produced during the papermaking process with a special roller that creates the pattern in the wet paper.
- **Linen** - Linen finished paper resembles linen cloth and is usually produced after the papermaking process as an offline embossing process.
- **Matte** - A finish on certain coated papers that is smooth but gives a dull appearance. A matte finish, as well as other types of coated paper, are good choices for print jobs in which high quality is required.
- **Parchment** - A paper finish that has an old or antique appearance and is the result of washing sulfuric acid over the paper and then quickly neutralizing the acid wash. This process melts the outer paper fibers which fill the voids in the rest of the paper. Parchment is very durable and grease resistant.
- **Smooth** - A smooth finish is the result of the paper passing through sets of rollers during the papermaking process. This process is known as calendering.
- **Vellum** - A vellum finish has an eggshell appearance and is consistent and even but not as much as a smooth finish. Vellum is one of the most popular uncoated finishes and paper with this finish has a high ink absorbency rate.
- **Wove** - An even finish in uncoated paper with a slight texture made by a felt roller covered in woven wire.



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## Paper Characteristics

### Whiteness

The whiteness of paper is the measure of its ability to reflect the colors of light equally. The more evenly a paper reflects all colors of the spectrum, the whiter the sheet. Some papers may reflect slightly cool colors back to our eyes and give the illusion that the sheet is actually brighter than white paper. If white paper has a slight warm appearance it will not appear as bright as a sheet that reflects a cool color, however warm colors printed on a warm sheet will appear stronger than when printed on a cool sheet. Cool colors printed on a cool white sheet are also enhanced in the same way. There is no such thing as a pure white sheet of paper, since the white that we see is always influenced by the lighting of our environment and the reflections from surrounding objects.

### Brightness

Brightness refers to the percent of light reflected back from a sheet of paper as measured by a light meter reading. Contrast is reduced and highlights are not as strong when paper with a lower brightness is used for a printed piece. The quality and brightness of paper is organized into six categories:

| Paper Brightness |                         |
|------------------|-------------------------|
| Premium          | 88.0 to 95.0 Brightness |
| Number 1         | 85.0 to 87.9 Brightness |
| Number 2         | 83.0 to 84.9 Brightness |
| Number 3         | 79.0 to 82.9 Brightness |
| Number 4         | 73.0 to 78.9 Brightness |
| Number 5         | 72.9 and below          |

### Acidity/Alkalinity

The pH (potential for Hydrogen) measurement of paper determines the degree of acidity and alkalinity in the stock. The pH scale has readings of 0 to 14 with 7 being neutral. Readings below a pH of 7.0 are acidic and above are alkaline. Each single digit actually equals a measure of 10, so a stock measuring 4.0 pH is 20 times more acidic than one measuring 6.0 pH. Paper can have an acid base, an alkaline base or it can be neutral with a pH of 7. Most paper manufactured in the 20th century was of an acid base. Acidic papers deteriorate in a relatively short period of time, and should never be used for printed items that are intended to last for many years. Since the 1970's, most of the paper used for book publishing and other printed materials where permanence is of importance, has been alkaline paper, which lasts much longer than acid based paper. Alkaline paper is manufactured with fillers such as calcium carbonate, which bring the pH above 7. An acidic paper like newsprint has a pH around 4.5 which becomes lower once it is printed. The acid level tends to break down the paper and it can deteriorate rapidly, which is why newspapers tend to yellow and fall apart in time. Alkaline paper (a pH above 7) is said to be permanent, but papers that have a neutral pH are still best for preserving items like photographic albums and as matte boards for artwork.

### General Precautions for Paper Usage

The following types of paper should not be used, otherwise decreased print quality, paper misfeeds or damage to the MFP or printer may occur:

- Overhead projector transparency that have already been fed through the machine (even if the transparency is still blank)
- Paper that has been printed on by a heat-transfer printer or an inkjet printer
- Paper that is either extremely thick or extremely thin
- Folded, curled, wrinkled, or torn paper
- Paper that has been left unwrapped for a long period of time
- Damp paper, perforated paper, or paper with punched holes
- Extremely smooth, extremely rough paper, or paper with an uneven surface
- Paper that has been treated, such as carbon-backed, heat-sensitive or pressure-sensitive paper
- Paper that has been decorated with foil or embossing
- Paper of a non-standard shape (not rectangular)
- Paper that is bound with glue, staples or paper clips
- Paper with labels attached
- Paper with ribbons, hooks, buttons, etc. attached

### Paper Storage

Observe the following precautions when storing the paper:

- Store paper in a cool, dark location with little humidity.
- If humidity is a problem, then paper should be plastic wrapped.
- Allow paper to adjust to any extreme temperature or humidity changes before using.
- If the paper becomes damp, paper misfeeds may occur. Paper that has not been loaded should be kept wrapped or placed in a plastic bag and stored in a cool, dark location with little humidity.
- Store the paper laying flat, not standing on its edge. Curled paper may cause paper misfeeds.



## Color Office Workgroup Products



business\_ by design.



## Media Guide: Office Workgroup Products v1.0

### Recommended Media for bizhub C203/C253/C353/C353P

| Manufacturer                        | Brand                   | KM Item Number <sup>1</sup> | Type / Item Number      | Size      | Paper Weight                          | Paper Input Location | Printer/ MFP Setting | Auto Duplex |
|-------------------------------------|-------------------------|-----------------------------|-------------------------|-----------|---------------------------------------|----------------------|----------------------|-------------|
| <b>Plain Paper for Color Output</b> |                         |                             |                         |           |                                       |                      |                      |             |
| Konica Minolta                      | CF Paper                | 8918308                     | Plain Paper 1000 sheets | 12" x 18" | 28 lb. Bond (105 g/m <sup>2</sup> )   | Any Tray, Bypass     | Thick 1              | Yes         |
| Konica Minolta                      | CF Paper                | 8918320                     | Plain Paper 1000 sheets | Ledger    | 28 lb. Bond (105 g/m <sup>2</sup> )   | Any Tray, Bypass     | Thick 1              | Yes         |
| Konica Minolta                      | CF Paper                | 8918321                     | Plain Paper 2000 sheets | Letter    | 28 lb. Bond (105 g/m <sup>2</sup> )   | Any Tray, Bypass     | Thick 1              | Yes         |
| Konica Minolta                      | CF Paper                | 8918309                     | Plain Paper 1500 sheets | 12" X 18" | 22 lb. Bond (80 g/m <sup>2</sup> )    | Any Tray, Bypass     | Plain Paper          | Yes         |
| Konica Minolta                      | CF Paper                | 8918314                     | Plain Paper 1500 sheets | Ledger    | 22 lb. Bond (80 g/m <sup>2</sup> )    | Any Tray, Bypass     | Plain Paper          | Yes         |
| Konica Minolta                      | CF Paper                | 8918315                     | Plain Paper 2500 sheets | Letter    | 22 lb. Bond (80 g/m <sup>2</sup> )    | Any Tray, Bypass     | Plain Paper          | Yes         |
| International Paper                 | Hammermill              | n/a                         | Color Copy Photo White  | Letter    | 32 lb. Bond (120 g/m <sup>2</sup> )   | Any Tray, Bypass     | Thick 1              | Yes         |
| International Paper                 | Hammermill              | n/a                         | Color Copy              | Letter    | 32 lb. Bond (120 g/m <sup>2</sup> )   | Any Tray, Bypass     | Thick 1              | Yes         |
| International Paper                 | Hammermill              | n/a                         | Color Copy Cover        | Letter    | 60 lb. Cover (163 g/m <sup>2</sup> )  | Any Tray, Bypass     | Thick 2              | Yes         |
| International Paper                 | Hammermill              | n/a                         | Color Copy Cover        | Letter    | 80 lb. Cover (216 g/m <sup>2</sup> )  | Any Tray, Bypass     | Thick 3              | Yes         |
| International Paper                 | Hammermill              | n/a                         | Color Copy Cover        | Letter    | 100 lb. Cover (271 g/m <sup>2</sup> ) | Bypass               | Thick 4              | No          |
| Domtar                              | Microprint Laser        | n/a                         | -                       | Letter    | 24 lb. Bond (90 g/m <sup>2</sup> )    | Any Tray, Bypass     | Plain Paper          | Yes         |
| Domtar                              | Recycled Copy           | n/a                         | 30% Post Consumer       | Letter    | 20 lb. Bond (75 g/m <sup>2</sup> )    | Any Tray, Bypass     | Plain Paper          | Yes         |
| Domtar                              | Microprint Color Copy   | n/a                         | -                       | Letter    | 28 lb. Bond (105 g/m <sup>2</sup> )   | Any Tray, Bypass     | Thick 1              | Yes         |
| Smart Papers                        | Carnival Stellar White  | n/a                         | -                       | Letter    | 24 lb. Bond (89 g/m <sup>2</sup> )    | Any Tray, Bypass     | Plain Paper          | Yes         |
| Smart Papers                        | Carnival White          | n/a                         | -                       | Letter    | 24 lb. Bond (89 g/m <sup>2</sup> )    | Any Tray, Bypass     | Plain Paper          | Yes         |
| Smart Papers                        | Synergy Bond 25% Cotton | n/a                         | -                       | Letter    | 24 lb. Bond (90 g/m <sup>2</sup> )    | Any Tray, Bypass     | Plain Paper          | Yes         |
| Mohawk Fine Papers Inc.             | Color Copy              | n/a                         | 98 Bright White         | Letter    | 24 lb. Bond (90 g/m <sup>2</sup> )    | Any Tray, Bypass     | Plain Paper          | Yes         |

1= If item number is present, please contact Konica Minolta to order media.

n/a = Not available through Konica Minolta, contact manufacturer.



## Recommended Media for bizhub C203/C253/C353/C353P

| Manufacturer                             | Brand                               | KM Item Number <sup>1</sup> | Type / Item Number           | Size   | Paper Weight                          | Paper Input Location | Printer/ MFP Setting | Auto Duplex |
|------------------------------------------|-------------------------------------|-----------------------------|------------------------------|--------|---------------------------------------|----------------------|----------------------|-------------|
| <b>Plain Paper for Monochrome Output</b> |                                     |                             |                              |        |                                       |                      |                      |             |
| International Paper                      | Hammermill                          | n/a                         | Tidal MP                     | Letter | 20 lb. Bond (75 g/m <sup>2</sup> )    | Any Tray, Bypass     | Plain Paper          | Yes         |
| <b>Single-Sided Glossy</b>               |                                     |                             |                              |        |                                       |                      |                      |             |
| Smart Papers                             | Kromekote Laser High Gloss          | n/a                         | Coated One Side 10 pt Cover  | Letter | 10 pt. Cover (219 g/m <sup>2</sup> )  | Any Tray, Bypass     | Thick 3              | Yes         |
| Smart Papers                             | Kromekote Laser High Gloss          | n/a                         | Coated One Side 12 pt Cover  | Letter | 12 pt. Cover (247 g/m <sup>2</sup> )  | Any Tray, Bypass     | Thick 3              | Yes         |
| <b>Double-Sided Glossy</b>               |                                     |                             |                              |        |                                       |                      |                      |             |
| Sappi                                    | Opus Gloss                          | n/a                         | -                            | Letter | 80 lb. Text (118 g/m <sup>2</sup> )   | Any Tray, Bypass     | Thick 1              | Yes         |
| Sappi                                    | Opus Gloss Cover                    | n/a                         | -                            | Letter | 80 lb. Cover (216 g/m <sup>2</sup> )  | Any Tray, Bypass     | Thick 3              | Yes         |
| Domtar                                   | Microprint                          | n/a                         | Coated Laser Gloss           | Letter | 80 lb. Cover (216 g/m <sup>2</sup> )  | Any Tray, Bypass     | Thick 3              | Yes         |
| Smart Papers                             | Kromekote plus C2S Cover            | n/a                         | -                            | Letter | 90 lb. Cover (237 g/m <sup>2</sup> )  | Any Tray, Bypass     | Thick 3              | Yes         |
| Smart Papers                             | Krometekote Laser High Gloss        | n/a                         | Coated Two Sides 10 pt Cover | Letter | 10 pt. Cover (234 g/m <sup>2</sup> )  | Any Tray, Bypass     | Thick 3              | Yes         |
| Smart Papers*                            | Krometekote Laser High Gloss        | n/a                         | Coated Two Sides             | Letter | 90 lb. Text (133 g/m <sup>2</sup> )   | Any Tray, Bypass     | Thick 1              | Yes         |
| Mohawk Fine Papers Inc.                  | Mohawk Color Copy                   | n/a                         | Gloss Pure White             | Letter | 32 lb. Bond (120 g/m <sup>2</sup> )   | Any Tray, Bypass     | Thick 1              | Yes         |
| Mohawk Fine Papers Inc.                  | Mohawk Color Copy                   | n/a                         | Gloss Pure White             | Letter | 80 lb. Cover (216 g/m <sup>2</sup> )  | Any Tray, Bypass     | Thick 3              | Yes         |
| Mohawk Fine Papers Inc.                  | Mohawk Color Copy                   | n/a                         | Gloss Pure White 100C        | Letter | 100 lb. Cover (270 g/m <sup>2</sup> ) | Bypass               | Thick 4              | No          |
| <b>Cover Stock</b>                       |                                     |                             |                              |        |                                       |                      |                      |             |
| Domtar                                   | Microprint Laser Coated Matte Cover | n/a                         | Cover                        | Letter | 80 lb. Cover (216 g/m <sup>2</sup> )  | Any Tray, Bypass     | Thick 3              | Yes         |

1= If item number is present, please contact Konica Minolta to order media.

n/a = Not available through Konica Minolta, contact manufacturer.

**\*Note:** Smart Papers - Krometekote Laser High Gloss 90 lb. Text (133 g/m<sup>2</sup>) cannot be used in high humidity environments.

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### Recommended Media for bizhub C203/C253/C353/C353P

| Manufacturer                   | Brand                 | KM Item Number <sup>1</sup> | Type / Item Number          | Size            | Paper Weight                          | Paper Input Location | Printer/ MFP Setting  | Auto Duplex |
|--------------------------------|-----------------------|-----------------------------|-----------------------------|-----------------|---------------------------------------|----------------------|-----------------------|-------------|
| <b>Cover Stock (continued)</b> |                       |                             |                             |                 |                                       |                      |                       |             |
| Domtar                         | Microprint Color Copy | n/a                         | Cover                       | Letter          | 80 lb. Cover (216 g/m <sup>2</sup> )  | Any Tray, Bypass     | Thick 3               | Yes         |
| Domtar                         | Microprint Color Copy | n/a                         | Cover                       | Letter          | 60 lb. Cover (163 g/m <sup>2</sup> )  | Any Tray, Bypass     | Thick 2               | Yes         |
| Domtar                         | Microprint Color Copy | n/a                         | Cover                       | Letter          | 65 lb. Cover (176 g/m <sup>2</sup> )  | Any Tray, Bypass     | Thick 2               | Yes         |
| Smart Papers                   | Carnival White Cover  | n/a                         | Cover                       | Letter          | 80 lb. Cover (216 g/m <sup>2</sup> )  | Any Tray, Bypass     | Thick 3               | Yes         |
| Wausau Paper                   | Exact Index           | n/a                         | -                           | Letter          | 140 lb. Index (255 g/m <sup>2</sup> ) | Any Tray, Bypass     | Thick 3               | Yes         |
| Mohawk Fine Papers Inc.        | Mohawk Color Copy     | n/a                         | 98 Bright White             | Letter          | 80 lb. Cover (216 g/m <sup>2</sup> )  | Any Tray, Bypass     | Thick 3               | Yes         |
| Mohawk Fine Papers Inc.        | Mohawk Color Copy     | n/a                         | 98 Bright White             | Letter          | 100 lb. Cover (270 g/m <sup>2</sup> ) | Bypass               | Thick 4               | No          |
| <b>Envelopes</b>               |                       |                             |                             |                 |                                       |                      |                       |             |
| For the Future                 | Envelope              | n/a                         | Preservation Wove 5789      | 11" x 6.75"     | 24 lb.                                | Bypass               | Envelope              | No          |
| <b>Banner Paper</b>            |                       |                             |                             |                 |                                       |                      |                       |             |
| Konica Minolta                 | Banner Paper          | 76400 02409                 | Plain Paper 200 sheets      | 11.75" x 47.24" | 100 lb. Text (180 g/m <sup>2</sup> )  | Bypass               | Banner Mode / Thick 1 | No          |
| <b>Labels</b>                  |                       |                             |                             |                 |                                       |                      |                       |             |
| Avery                          | 4" x 6" Postcard      | n/a                         | 5889                        | Letter          | -                                     | Any Tray, Bypass     | Thick 1               | No          |
| Avery                          | Color Printing Labels | n/a                         | 6870<br>30 labels per sheet | Letter          | -                                     | Any Tray, Bypass     | Thick 1               | No          |
| Avery                          | Color Printing Labels | n/a                         | 6873<br>8 labels per sheet  | Letter          | -                                     | Any Tray, Bypass     | Thick 1               | No          |
| Avery                          | Color Printing Labels | n/a                         | 6876<br>2 labels per sheet  | Letter          | -                                     | Any Tray, Bypass     | Thick 1               | No          |
| Avery                          | Color Printing Labels | n/a                         | 6878<br>4 labels per sheet  | Letter          | -                                     | Any Tray, Bypass     | Thick 1               | No          |

<sup>1</sup>= If item number is present, please contact Konica Minolta to order media.

n/a = Not available through Konica Minolta, contact manufacturer.



## Recommended Media for bizhub C203/C253/C353/C353P

| Manufacturer    | Brand                  | KM Item Number <sup>1</sup> | Type / Item Number | Size   | Paper Weight | Paper Input Location | Printer/ MFP Setting | Auto Duplex |
|-----------------|------------------------|-----------------------------|--------------------|--------|--------------|----------------------|----------------------|-------------|
| Specialty Paper |                        |                             |                    |        |              |                      |                      |             |
| Techni-Print*   | Photo T-Shirt Transfer | n/a                         | 9721PO-8511        | Letter | -            | Any Tray, Bypass     | Thick 2              | No          |
| Transparency    |                        |                             |                    |        |              |                      |                      |             |
| 3M              | Color Laser            | 76400 00420                 | CG3700 9488-4      | Letter | 5 mil        | Bypass               | OHP                  | No          |

<sup>1</sup>= If item number is present, please contact Konica Minolta to order media.

n/a = Not available through Konica Minolta, contact manufacturer.

**\*Note T-Shirt Transfer Paper:** This paper should not be solely used in the copier and should only be used on a limited basis (250 sheets per run maximum). Also, pay particular attention if a misfeed occurs in the fuser section of the copier. It should be removed immediately (due to odor) and then 15-25 sheets of regular (20lb bond) paper should be run to clean the fusing rollers. Also cannot be used in high humidity environments.

## Media Type Specification for bizhub C203/C253/C353/C353P

### Standard Tray Capacity and Supported Media

| Media Type            | Weight                   | Tray 1     | Tray 2     | Multiple Bypass        | Auto Duplex |
|-----------------------|--------------------------|------------|------------|------------------------|-------------|
| Plain Paper           | 60-90 g/m <sup>2</sup>   | 500 sheets | 500 sheets | 150 sheets             | Yes         |
| OHP Film Transparency | -                        | -          | -          | 20 sheets <sup>1</sup> | No          |
| Thick Paper 1         | 91-150 g/m <sup>2</sup>  | 150 sheets | 150 sheets |                        | Yes         |
| Thick Paper 2         | 151-209 g/m <sup>2</sup> |            |            |                        |             |
| Thick Paper 3         | 210-256 g/m <sup>2</sup> |            |            |                        |             |
| Thick Paper 4         | 257-271 g/m <sup>2</sup> | -          | -          |                        | No          |
| Post Cards            | -                        | -          | -          |                        |             |
| Envelopes             | -                        | -          | -          |                        |             |
| Labels                | -                        | -          | -          | 20 sheets              |             |
| Banner Paper          | 127-210 g/m <sup>2</sup> | -          | -          | 10 sheets              |             |

### PC-104/204 Tray Capacity and Supported Media

| Media Type    | Weight                   | Tray 3     | Tray 4     | Auto Duplex |
|---------------|--------------------------|------------|------------|-------------|
| Plain Paper   | 60-90 g/m <sup>2</sup>   | 500 sheets | 500 sheets | Yes         |
| Thick Paper 1 | 91-150 g/m <sup>2</sup>  | 150 sheets | 150 sheets | Yes         |
| Thick Paper 2 | 151-209 g/m <sup>2</sup> |            |            | Yes         |
| Thick Paper 3 | 210-256 g/m <sup>2</sup> |            |            | Yes         |

### PC-405 Tray Capacity and Supported Media

| Media Type    | Weight                   | LCT Tray     | Auto Duplex |
|---------------|--------------------------|--------------|-------------|
| Plain Paper   | 60-90 g/m <sup>2</sup>   | 2,500 sheets | Yes         |
| Thick Paper 1 | 91-150 g/m <sup>2</sup>  | 1,000 sheets | Yes         |
| Thick Paper 2 | 151-209 g/m <sup>2</sup> |              | Yes         |
| Thick Paper 3 | 210-256 g/m <sup>2</sup> |              | Yes         |

### Important Notes:

1: Monochrome print only.

### Automatic Duplex:

Only for plain paper weighing 64-90 g/m<sup>2</sup> or thick paper weighing 91-256 g/m<sup>2</sup> are reliably fed.



KONICA MINOLTA

## Recommended Media for bizhub C451/C550/C650

| Manufacturer            | Brand                   | KM Item Number <sup>1</sup> | Type / Item Number              | Size      | Paper Weight                         | Paper Input Location | MFP Setting | Auto Duplex |
|-------------------------|-------------------------|-----------------------------|---------------------------------|-----------|--------------------------------------|----------------------|-------------|-------------|
| <b>Plain Paper</b>      |                         |                             |                                 |           |                                      |                      |             |             |
| Konica Minolta          | CF Paper                | 8918308                     | Plain Paper 1000 sheets         | 12" x 18" | 28 lb. Bond (105 g/m <sup>2</sup> )  | Any Tray, Bypass     | Thick 1     | Yes         |
| Konica Minolta          | CF Paper                | 8918320                     | Plain Paper 1000 sheets         | Ledger    | 28 lb. Bond (105 g/m <sup>2</sup> )  | Any Tray, Bypass     | Thick 1     | Yes         |
| Konica Minolta          | CF Paper                | 8918321                     | Plain Paper 2000 sheets         | Letter    | 28 lb. Bond (105 g/m <sup>2</sup> )  | Any Tray, Bypass     | Thick 1     | Yes         |
| Konica Minolta          | CF Paper                | 8918309                     | Plain Paper 1500 sheets         | 12" X 18" | 22 lb. Bond (80 g/m <sup>2</sup> )   | Any Tray, Bypass     | Plain Paper | Yes         |
| Konica Minolta          | CF Paper                | 8918314                     | Plain Paper 1500 sheets         | Ledger    | 22 lb. Bond (80 g/m <sup>2</sup> )   | Any Tray, Bypass     | Plain Paper | Yes         |
| Konica Minolta          | CF Paper                | 8918315                     | Plain Paper 2500 sheets         | Letter    | 22 lb. Bond (80 g/m <sup>2</sup> )   | Any Tray, Bypass     | Plain Paper | Yes         |
| International Paper     | Hammermill              | n/a                         | Color Copy Photo White          | Letter    | 32 lb. Bond (120 g/m <sup>2</sup> )  | Any Tray, Bypass     | Thick 1     | Yes         |
| International Paper     | Hammermill              | n/a                         | Color Copy Cover                | Letter    | 60 lb. Cover (163 g/m <sup>2</sup> ) | Any Tray, Bypass     | Thick 2     | Yes         |
| Domtar                  | Recycled Copy           | n/a                         | White 92 GE (30% Post Consumer) | Letter    | 20 lb. Bond (75 g/m <sup>2</sup> )   | Any Tray, Bypass     | Plain Paper | Yes         |
| Domtar                  | Microprint Laser        | n/a                         | White 96 GE                     | Letter    | 22 lb. Bond (80 g/m <sup>2</sup> )   | Any Tray, Bypass     | Plain Paper | Yes         |
| Smart Papers            | Synergy Bond 25% Cotton | n/a                         | Any                             | Letter    | 24 lb. Bond (90 g/m <sup>2</sup> )   | Any Tray, Bypass     | Plain Paper | Yes         |
| Mohawk Fine Papers Inc. | Mohawk Color Copy       | n/a                         | 98 Bright White                 | Letter    | 24 lb. Bond (90 g/m <sup>2</sup> )   | Any Tray, Bypass     | Plain Paper | Yes         |
| Domtar                  | Microprint Laser        | n/a                         | White 96 GE                     | Letter    | 28 lb. Bond (105 g/m <sup>2</sup> )  | Any Tray, Bypass     | Plain Paper | Yes         |
| <b>Cover Stock</b>      |                         |                             |                                 |           |                                      |                      |             |             |
| Domtar                  | Microprint Color Copy   | n/a                         | Cover                           | Letter    | 60 lb. Cover (163 g/m <sup>2</sup> ) | Any Tray, Bypass     | Thick 2     | Yes         |
| International Paper     | Hammermill              | n/a                         | Color Copy Cover—Photo White    | Letter    | 60 lb. Cover (163 g/m <sup>2</sup> ) | Any Tray, Bypass     | Thick 2     | Yes         |
| Domtar                  | Microprint Color Copy   | n/a                         | Cover                           | Letter    | 65 lb. Cover (176 g/m <sup>2</sup> ) | Any Tray, Bypass     | Thick 2     | Yes         |

<sup>1</sup>= If item number is present, please contact Konica Minolta to order media.

n/a = Not available through Konica Minolta, contact manufacturer.

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### Recommended Media for bizhub C451/C550/C650

| Manufacturer                        | Brand                       | KM Item Number <sup>1</sup> | Type / Item Number      | Size            | Paper Weight                          | Paper Input Location  | MFP Setting | Auto Duplex |
|-------------------------------------|-----------------------------|-----------------------------|-------------------------|-----------------|---------------------------------------|-----------------------|-------------|-------------|
| <b>Cover Stock (continued)</b>      |                             |                             |                         |                 |                                       |                       |             |             |
| Domtar                              | Microprint Coated Laser     | n/a                         | White 92 GE             | Letter          | 80 lb. Cover (216 g/m <sup>2</sup> )  | Any Tray, Bypass      | Thick 3     | Yes         |
| International Paper                 | Hammermill Color Copy Cover | n/a                         | -                       | Letter          | 80 lb. Cover (216 g/m <sup>2</sup> )  | Any Tray, Bypass      | Thick 3     | Yes         |
| Domtar                              | Microprint Coated Laser     | n/a                         | Matte Cover             | Letter          | 80 lb. Cover (216 g/m <sup>2</sup> )  | Any Tray, Bypass      | Thick 3     | Yes         |
| Wausau Paper                        | Exact Index                 | n/a                         | -                       | Letter          | 140 lb. Index (255 g/m <sup>2</sup> ) | Any Tray, Bypass      | Thick 3     | Yes         |
| International Paper                 | Springhill                  | n/a                         | Index Stock Code 015545 | Letter          | 140 lb. Index (255 g/m <sup>2</sup> ) | Bypass                | Thick 3     | Yes         |
| International Paper                 | Hammermill Color Copy Cover | n/a                         | Photo White             | Letter          | 100 lb. Cover (270 g/m <sup>2</sup> ) | Bypass                | Thick 4     | No          |
| Mohawk Fine Papers Inc.             | Mohawk Color Copy           | n/a                         | 98 Bright White         | Letter          | 100 lb. Cover (270 g/m <sup>2</sup> ) | Bypass                | Thick 4     | No          |
| Domtar                              | Microprint Color Copy       | n/a                         | Cover                   | Letter          | 60 lb. Cover (163 g/m <sup>2</sup> )  | Any Tray, Bypass      | Thick 2     | Yes         |
| <b>Double-Sided Glossy</b>          |                             |                             |                         |                 |                                       |                       |             |             |
| Mohawk Fine Papers Inc.             | Mohawk Color Copy           | n/a                         | Gloss                   | 12" x 18"       | 100 lb. Cover (270 g/m <sup>2</sup> ) | Bypass                | Thick 4     | No          |
| <b>Banner Paper (for C451 only)</b> |                             |                             |                         |                 |                                       |                       |             |             |
| Konica Minolta                      | Banner Paper                | 76400 02409                 | Plain Paper 200 sheets  | 11.75" x 47.24" | 100 lb. Text (180 g/m <sup>2</sup> )  | Banner Mode / Thick 3 | Bypass      | No          |
| <b>Labels</b>                       |                             |                             |                         |                 |                                       |                       |             |             |
| Avery                               | CD/DVD Label                | n/a                         | #6692                   | Letter          | -                                     | Plain Paper           | Bypass      | No          |
| <b>Envelopes</b>                    |                             |                             |                         |                 |                                       |                       |             |             |
| For the Future                      | Envelope                    | n/a                         | Preservation Wove 5789  | 11" x 6.75"     | 24 lb.                                | Bypass                | Envelope    | No          |

<sup>1</sup>= If item number is present, please contact Konica Minolta to order media.

n/a = Not available through Konica Minolta, contact manufacturer.

**\*Note:** Spring Hill Index (Thick 3/140lb. Index) supported via Bypass ONLY.





## Media Type Specification for bizhub C451/C550/C650

### Standard Tray Capacity and Supported Media

| Media Type               | Weight                   | Tray 1     | Tray 2     | Tray 3       | Tray 4       | Multiple Bypass        | Auto Duplex |
|--------------------------|--------------------------|------------|------------|--------------|--------------|------------------------|-------------|
| Plain Paper              | 64-90 g/m <sup>2</sup>   | 500 sheets | 500 sheets | 1,500 sheets | 1,000 sheets | 150 sheets             | Yes         |
| OHP Film Transparency    | -                        | -          | -          | -            | -            | 20 sheets <sup>1</sup> | No          |
| Thick Paper 1            | 91-120 g/m <sup>2</sup>  | 400 sheets | 400 sheets | 1,150 sheets | 750 sheets   | 100 sheets             | Yes         |
| Thick Paper 1+           | 121-157 g/m <sup>2</sup> | 280 sheets | 280 sheets | 800 sheets   | 500 sheets   | 80 sheets              |             |
| Thick Paper 2            | 158-209 g/m <sup>2</sup> | 250 sheets | 250 sheets | 700 sheets   | 450 sheets   | 70 sheets              |             |
| Thick Paper 3            | 210-256 g/m <sup>2</sup> | 200 sheets | 200 sheets | 600 sheets   | 400 sheets   | 60 sheets              |             |
| Thick Paper 4            | 257-300 g/m <sup>2</sup> | -          | -          | -            | -            | 50 sheets              | No          |
| Postcards                | -                        | -          | -          | 200 sheets   | 200 sheets   | 50 sheets              |             |
| Envelopes                | -                        | -          | -          | -            | -            | 10 sheets              |             |
| Labels                   | -                        | -          | -          | -            | -            | 50 sheets              |             |
| Banner Paper (C451 only) | 127-210 g/m <sup>2</sup> | -          | -          | -            | -            | 1 sheet                |             |

### LU-301 Tray Capacity and Supported Media

| Media Type     | Weight                   | Large Capacity Tray | Auto Duplex |
|----------------|--------------------------|---------------------|-------------|
| Plain Paper    | 64-90 g/m <sup>2</sup>   | 3,000 sheets        | Yes         |
| Thick Paper 1  | 91-120 g/m <sup>2</sup>  | 2,500 sheets        |             |
| Thick Paper 1+ | 121-157 g/m <sup>2</sup> | 1,750 sheets        |             |
| Thick Paper 2  | 158-209 g/m <sup>2</sup> | 1,550 sheets        |             |
| Thick Paper 3  | 210-256 g/m <sup>2</sup> | 1,300 sheets        |             |

#### Important Notes:

1: Monochrome print only.

#### Automatic Duplex:

Only for plain paper weighing 64-90 g/m<sup>2</sup> or thick paper weighing 91-256 g/m<sup>2</sup> are reliably fed.

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### Recommended Media for magicolor 24xx/25xx series printers

| Manufacturer        | Brand                    | KM Item Number <sup>1</sup> | Type / Item Number  | Size   | Paper Weight         | Paper Input Location | Printer Setting | Auto Duplex |
|---------------------|--------------------------|-----------------------------|---------------------|--------|----------------------|----------------------|-----------------|-------------|
| <b>Plain Paper</b>  |                          |                             |                     |        |                      |                      |                 |             |
| Impact              | Copy Paper               | n/a                         | 92 Bright 68117     | Letter | 75 g/m <sup>2</sup>  | Multi./ Upper        | Paper           | Yes         |
| Impact              | Copy Paper               | n/a                         | 92 Bright 68119     | Legal  | 75 g/m <sup>2</sup>  | Multipurpose         | Paper           | Yes         |
| Staples             | Multiuse                 | n/a                         | 96 Bright 513099    | Letter | 75 g/m <sup>2</sup>  | Multi./ Upper        | Paper           | Yes         |
| International Paper | Hammermill Fore MP       | n/a                         | White 10329-1       | Legal  | 75 g/m <sup>2</sup>  | Multipurpose         | Paper           | Yes         |
| International Paper | Hammermill Premium Laser | n/a                         | 94 Bright 16600-0   | Letter | 90 g/m <sup>2</sup>  | Multi./ Upper        | Paper           | Yes         |
| International Paper | Hammermill Laser Print   | n/a                         | 96 Bright 10460-4   | Letter | 90 g/m <sup>2</sup>  | Multi./ Upper        | Paper           | Yes         |
| International Paper | Hammermill Laser Print   | n/a                         | 94 Bright 10461-2   | Legal  | 90 g/m <sup>2</sup>  | Multipurpose         | Paper           | Yes         |
| <b>Recycled</b>     |                          |                             |                     |        |                      |                      |                 |             |
| Office Depot        | EnviroCopy               | n/a                         | 104 Bright 563-024  | Letter | 75 g/m <sup>2</sup>  | Multi./ Upper        | Recycled        | Yes         |
| Staples             | Print Paper              | n/a                         | 97 Bright 554638    | Letter | 90 g/m <sup>2</sup>  | Multi./ Upper        | Recycled        | Yes         |
| Office Max          | Copy Paper               | n/a                         | 92 Bright OM55957   | Letter | 20 lb.               | Multi./ Upper        | Recycled        | Yes         |
| <b>Transparency</b> |                          |                             |                     |        |                      |                      |                 |             |
| 3M                  | Color Laser              | 76400 00420                 | CG3700 9488-4       | Letter | 5 mil                | Multipurpose         | Trans.          | No          |
| 3M                  | Copiers                  | n/a                         | PP2500 9497-5       | Letter | 4.5 mil              | Multipurpose         | Trans.          | No          |
| <b>Labels</b>       |                          |                             |                     |        |                      |                      |                 |             |
| Avery               | Laser                    | n/a                         | Mailing Labels 5260 | Letter | 0.16 mm              | Multipurpose         | Label           | No          |
| <b>Thick Stock</b>  |                          |                             |                     |        |                      |                      |                 |             |
| International Paper | Hammermill Color Copy    | n/a                         | 98 Bright 10246-7   | Letter | 105 g/m <sup>2</sup> | Multipurpose         | Thick           | Yes         |
| Wausau              | Bright White             | n/a                         | 96 Bright 92906     | Letter | 105 g/m <sup>2</sup> | Multipurpose         | Thick           | Yes         |
| Staples             | Color Laser              | n/a                         | 97 Bright 633213    | Letter | 120 g/m <sup>2</sup> | Multipurpose         | Thick           | Yes         |

1= If item number is present, please contact Konica Minolta to order media.

n/a = Not available through Konica Minolta, contact manufacturer.



## Recommended Media for magicolor 24xx/25xx series printers

| Manufacturer                   | Brand                  | KM Item Number <sup>1</sup> | Type / Item Number     | Size       | Paper Weight         | Paper Input Location | Printer Setting | Auto Duplex |
|--------------------------------|------------------------|-----------------------------|------------------------|------------|----------------------|----------------------|-----------------|-------------|
| <b>Thick Stock (continued)</b> |                        |                             |                        |            |                      |                      |                 |             |
| International Paper            | Hammermill Color Copy  | n/a                         | Photo White 02254-9    | Letter     | 163 g/m <sup>2</sup> | Multipurpose         | Thick           | Yes         |
| International Paper            | Hammermill Color Copy  | n/a                         | 98 Bright 12254-9      | Letter     | 163 g/m <sup>2</sup> | Multipurpose         | Thick           | Yes         |
| Wausau                         | Card Stock             | n/a                         | 92 Bright 49108        | Letter     | 165 g/m <sup>2</sup> | Multipurpose         | Thick           | No          |
| <b>Glossy Stock</b>            |                        |                             |                        |            |                      |                      |                 |             |
| International Paper            | Hammermill Color Laser | n/a                         | 90 Bright 16311-0      | Letter     | 120 g/m <sup>2</sup> | Multipurpose         | Thick           | Yes         |
| Staples                        | Gloss White            | n/a                         | 96 Bright 633215       | Letter     | 120 g/m <sup>2</sup> | Multipurpose         | Thick           | Yes         |
| International Paper            | Hammermill Office One  | n/a                         | Business Gloss 16302-0 | Letter     | 120 g/m <sup>2</sup> | Multipurpose         | Thick           | Yes         |
| Smart Media                    | Kromekote              | n/a                         | 2S Text L285119        | Letter     | 133 g/m <sup>2</sup> | Multipurpose         | Thick           | Yes         |
| <b>Envelopes</b>               |                        |                             |                        |            |                      |                      |                 |             |
| Office Max                     | Envelopes              | n/a                         | Business OM98121       | 3.6"X 6.5" | 0.31 mm              | Multipurpose         | Envelope        | No          |
| Office Max                     | Envelopes              | n/a                         | Security OM98120       | 3.6"X 6.5" | 0.31 mm              | Multipurpose         | Envelope        | No          |
| Staples                        | Envelopes              | n/a                         | Security 200519        | # 10       | 24 lb.               | Multipurpose         | Envelope        | No          |
| Staples                        | Envelopes              | n/a                         | Business 187013        | # 10       | 24 lb.               | Multipurpose         | Envelope        | No          |
| Office Max                     | Envelopes              | n/a                         | Business OM98125       | # 10       | 24 lb.               | Multipurpose         | Envelope        | No          |
| Office Max                     | Envelopes              | n/a                         | Business OM98123       | # 10       | 24 lb.               | Multipurpose         | Envelope        | No          |
| Office Depot                   | Envelopes              | n/a                         | Business 633-888       | # 10       | 24 lb.               | Multipurpose         | Envelope        | No          |
| Office Depot                   | Envelopes              | n/a                         | Security 633-896       | # 10       | 24 lb.               | Multipurpose         | Envelope        | No          |
| <b>Other</b>                   |                        |                             |                        |            |                      |                      |                 |             |
| PPG                            | Teslin                 | n/a                         | Synthetic SPID1400     | A4         | 14 mils              | Multipurpose         | Thick           | Yes         |
| PPG                            | Teslin                 | n/a                         | Synthetic SP1000       | Letter     | 10 mils              | Multipurpose         | Thick           | Yes         |

<sup>1</sup> = If item number is present, please contact Konica Minolta to order media.

n/a = Not available through Konica Minolta, contact manufacturer.

## Media Type Specification for magicolor 24xx/25xx series printers

| Media Type        | Weight                  | Multipurpose Tray |          | Optional Cassette |          | Auto Duplex |
|-------------------|-------------------------|-------------------|----------|-------------------|----------|-------------|
|                   |                         | Supported         | Capacity | Supported         | Capacity |             |
| Plain Paper       | 60-90 g/m <sup>2</sup>  | Yes               | 200      | Yes               | 500      | Yes         |
| Recycled          | 60-90 g/m <sup>2</sup>  | Yes               | 200      | Yes               | 500      | Yes         |
| Transparency      | 4.5-5 mils              | Yes               | 50       | No                | N/A      | No          |
| Letterhead        | 60-90 g/m <sup>2</sup>  | Yes               | 50       | No                | N/A      | Yes         |
| Envelopes         | 91-163 g/m <sup>2</sup> | Yes               | 10       | No                | N/A      | No          |
| Labels            | 60-163 g/m <sup>2</sup> | Yes               | 50       | No                | N/A      | No          |
| Thick             | 91-163 g/m <sup>2</sup> | Yes               | 50       | No                | N/A      | No          |
| Japanese Postcard | 60-163 g/m <sup>2</sup> | Yes               | 50       | No                | N/A      | No          |
| Glossy            | 60-90 g/m <sup>2</sup>  | Yes               | 50       | No                | N/A      | No          |



## Recommended Media for magicolor 2480MF/2590MF & bizhub C10/X

| Manufacturer         | Brand                  | KM Item Number <sup>1</sup> | Type / Item Number  | Size   | Paper Weight         | Paper Input Location | Printer Setting | Auto Duplex |
|----------------------|------------------------|-----------------------------|---------------------|--------|----------------------|----------------------|-----------------|-------------|
| <b>Plain Paper</b>   |                        |                             |                     |        |                      |                      |                 |             |
| Impact               | Copy Paper             | n/a                         | 92 Bright 68117     | Letter | 75 g/m <sup>2</sup>  | Multipurpose         | Paper           | Yes         |
| Impact               | Copy Paper             | n/a                         | 92 Bright 44001     | Legal  | 75 g/m <sup>2</sup>  | Multipurpose         | Paper           | Yes         |
| Staples              | Multiuse               | n/a                         | 96 Bright 513099    | Letter | 75 g/m <sup>2</sup>  | Multipurpose         | Paper           | Yes         |
| International Paper  | Hammermill Fore MP     | n/a                         | White 10329-1       | Legal  | 75 g/m <sup>2</sup>  | Multipurpose         | Paper           | Yes         |
| International Paper  | Hammermill Laser Print | n/a                         | 94 Bright 10460-4   | Letter | 90 g/m <sup>2</sup>  | Multipurpose         | Paper           | Yes         |
| International Paper  | Hammermill Laser Print | n/a                         | 94 Bright 10461-2   | Legal  | 90 g/m <sup>2</sup>  | Multipurpose         | Paper           | Yes         |
| <b>Recycled</b>      |                        |                             |                     |        |                      |                      |                 |             |
| Office Depot         | EnviroCopy             | n/a                         | 104 Bright 563-024  | Letter | 75 g/m <sup>2</sup>  | Multipurpose         | Recycled        | Yes         |
| Staples              | Printing Paper         | n/a                         | 97 Bright 554638    | Letter | 90 g/m <sup>2</sup>  | Multipurpose         | Recycled        | Yes         |
| Office Max           | Copy Paper             | n/a                         | 92 Bright OM55957   | Letter | 20 lb.               | Multipurpose         | Recycled        | Yes         |
| <b>Transparency</b>  |                        |                             |                     |        |                      |                      |                 |             |
| 3M                   | Color Laser            | 76400 00420                 | CG3700 9488-4       | Letter | 5 mil                | Multipurpose         | Trans.          | No          |
| <b>Thick Stock 1</b> |                        |                             |                     |        |                      |                      |                 |             |
| International Paper  | Hammermill Color Copy  | n/a                         | 98 Bright 10246-7   | Letter | 105 g/m <sup>2</sup> | Multipurpose         | Thick           | Yes         |
| Wausau               | Bright White           | n/a                         | 96 Bright 92906     | Letter | 105 g/m <sup>2</sup> | Multipurpose         | Thick           | Yes         |
| Staples              | Color Laser            | n/a                         | 97 Bright 633213    | Letter | 120 g/m <sup>2</sup> | Multipurpose         | Thick           | Yes         |
| International Paper  | Hammermill Color Copy  | n/a                         | Photo White 02254-9 | Letter | 163 g/m <sup>2</sup> | Multipurpose         | Thick           | Yes         |
| International Paper  | Hammermill Color Copy  | n/a                         | 98 Bright 12254-9   | Letter | 163 g/m <sup>2</sup> | Multipurpose         | Thick           | Yes         |

<sup>1</sup>= If item number is present, please contact Konica Minolta to order media.

n/a = Not available through Konica Minolta, contact manufacturer.

## Media Guide: Office Workgroup Products v1.0

### Recommended Media for magicolor 2480MF/2590MF & bizhub C10/X

| Manufacturer        | Brand                        | KM Item Number <sup>1</sup> | Type / Item Number | Size   | Paper Weight         | Paper Input Location | Printer Setting | Auto Duplex |
|---------------------|------------------------------|-----------------------------|--------------------|--------|----------------------|----------------------|-----------------|-------------|
| <b>Envelopes</b>    |                              |                             |                    |        |                      |                      |                 |             |
| Staples             | Envelopes                    | n/a                         | Security 200519    | # 10   | 24 lb.               | Multipurpose         | Envelope        | No          |
| Staples             | Envelopes                    | n/a                         | Business 187013    | # 10   | 24 lb.               | Multipurpose         | Envelope        | No          |
| Office Depot        | Envelopes                    | n/a                         | Security 633-896   | # 10   | 24 lb.               | Multipurpose         | Envelope        | No          |
| Office Depot        | Envelopes                    | n/a                         | Business 633-888   | # 10   | 24 lb.               | Multipurpose         | Envelope        | No          |
| Office Max          | Envelopes                    | n/a                         | Business OM98123   | # 10   | 24 lb.               | Multipurpose         | Envelope        | No          |
| Office Max          | Envelopes                    | n/a                         | Business OM98125   | # 10   | 24 lb.               | Multipurpose         | Envelope        | No          |
| <b>Glossy Stock</b> |                              |                             |                    |        |                      |                      |                 |             |
| International Paper | Hammermill Color Laser Gloss | n/a                         | 90 Bright 16311-0  | Letter | 120 g/m <sup>2</sup> | Multipurpose         | Glossy          | Yes         |
| Staples             | Gloss White                  | n/a                         | 96 Bright 633215   | Letter | 120 g/m <sup>2</sup> | Multipurpose         | Glossy          | Yes         |
| <b>Other</b>        |                              |                             |                    |        |                      |                      |                 |             |
| PPG                 | Teslin                       | n/a                         | Synthetic SP1000   | Letter | 10 mils              | Multipurpose         | Thick           | Yes         |
| PPG                 | Teslin                       | n/a                         | Synthetic SPID1400 | A4     | 14 mils              | Multipurpose         | Thick           | Yes         |

<sup>1</sup>= If item number is present, please contact Konica Minolta to order media.

n/a = Not available through Konica Minolta, contact manufacturer.



## Media Type Specification for magicolor 2480MF/2590MF & bizhub C10/X

| Media Type   | Weight                  | Multipurpose Tray |          | Optional Cassette |          | Duplex | ADF<br>(60-128 g/m <sup>2</sup> ) |
|--------------|-------------------------|-------------------|----------|-------------------|----------|--------|-----------------------------------|
|              |                         | Supported         | Capacity | Supported         | Capacity |        |                                   |
| Plain Paper  | 60-90 g/m <sup>2</sup>  | Yes               | 200      | Yes               | 500      | Yes    | Yes                               |
| Recycled     | 60-90 g/m <sup>2</sup>  | Yes               | 200      | Yes               | 500      | Yes    | Yes                               |
| Transparency | 4.5-5 mils              | Yes               | 50       | No                | N/A      | No     | No                                |
| Letterhead   | 60-90 g/m <sup>2</sup>  | Yes               | 50       | No                | N/A      | Yes    | Yes                               |
| Envelopes    | 91-163 g/m <sup>2</sup> | Yes               | 10       | No                | N/A      | No     | No                                |
| Labels       | 60-163 g/m <sup>2</sup> | Yes               | 50       | No                | N/A      | No     | No                                |
| Thick Paper  | 91-163 g/m <sup>2</sup> | Yes               | 50       | No                | N/A      | No     | No                                |
| Glossy Paper | 60-90 g/m <sup>2</sup>  | Yes               | 50       | No                | N/A      | No     | No                                |



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### Recommended Media for magicolor 4650EN/DN & bizhub C20P/X

| Manufacturer                             | Brand          | KM Item Number <sup>1</sup> | Type / Item Number      | Size   | Paper Weight                        | Paper Input Location   | Printer Setting | Auto Duplex |
|------------------------------------------|----------------|-----------------------------|-------------------------|--------|-------------------------------------|------------------------|-----------------|-------------|
| <b>Plain Paper for Color Output</b>      |                |                             |                         |        |                                     |                        |                 |             |
| Konica Minolta                           | CF Paper       | 8918315                     | Plain Paper 2500 sheets | Letter | 22 lb. Bond (80 g/m <sup>2</sup> )  | Multipurpose, Any Tray | Plain Paper     | Yes         |
| Konica Minolta                           | CF Paper       | 8918321                     | Plain Paper 2000 sheets | Letter | 28 lb. Bond (105 g/m <sup>2</sup> ) | Multipurpose, Any Tray | Thick 1         | Yes         |
| <b>Plain Paper for Monochrome Output</b> |                |                             |                         |        |                                     |                        |                 |             |
| Xerox                                    | 4024 DP        | n/a                         | 3R727                   | Letter | 24 lb. Bond (90 g/m <sup>2</sup> )  | Multipurpose, Any Tray | Plain Paper     | Yes         |
| <b>Transparency</b>                      |                |                             |                         |        |                                     |                        |                 |             |
| 3M                                       | Color Laser    | 76400 00420                 | CG3700 9488-4           | Letter | 5 mil                               | Multipurpose           | Trans.          | No          |
| <b>Labels</b>                            |                |                             |                         |        |                                     |                        |                 |             |
| Avery                                    | Mailing Labels | n/a                         | 5160                    | Letter | -                                   | Multipurpose           | Label           | No          |

<sup>1</sup> = If item number is present, please contact Konica Minolta to order media.  
n/a = Not available through Konica Minolta, contact manufacturer.



## Media Type Specification for magicolor 4650EN/DN & bizhub C20P/X

### Standard Tray Capacity and Supported Media

| Media Type    | Weight                   | Tray 1     | Tray 2     | Auto Duplex <sup>1</sup> |    |
|---------------|--------------------------|------------|------------|--------------------------|----|
| Plain Paper   | 60-90 g/m <sup>2</sup>   | 100 sheets | 250 sheets | Yes                      |    |
| Thick Paper 1 | 91-150 g/m <sup>2</sup>  | 20 sheets  | -          |                          | No |
| Thick Paper 2 | 151-210 g/m <sup>2</sup> |            |            |                          |    |
| Label         | -                        |            |            |                          |    |
| Letterhead    | -                        |            |            | No                       |    |
| OHP Film      | -                        |            |            |                          |    |
| Transparency  | -                        |            |            |                          |    |
| Glossy1       | 100-128 g/m <sup>2</sup> | 10 sheets  |            | Yes                      |    |
| Glossy 2      | 129-158 g/m <sup>2</sup> |            |            | No                       |    |
| Postcard      | -                        |            |            |                          |    |
| Envelope      | -                        |            |            |                          |    |

### Important Notes:

1: Only if duplex option is installed.

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### Recommended Media for magicolor 5550/5570 & bizhub C30P/X

| Manufacturer         | Brand                    | KM Item Number <sup>1</sup> | Type / Item Number     | Size   | Paper Weight         | Paper Input Location | Printer Setting | Auto Duplex |
|----------------------|--------------------------|-----------------------------|------------------------|--------|----------------------|----------------------|-----------------|-------------|
| <b>Plain Paper</b>   |                          |                             |                        |        |                      |                      |                 |             |
| Office Depot         | EnviroCopy               | n/a                         | 104 Bright 563-024     | Letter | 75 g/m <sup>2</sup>  | All                  | Recycled        | Yes         |
| Impact               | Copy Paper               | n/a                         | 92 Bright 68117        | Letter | 75 g/m <sup>2</sup>  | All                  | Paper           | Yes         |
| Staples              | Multiuse                 | n/a                         | 96 Bright 513099       | Letter | 75 g/m <sup>2</sup>  | All                  | Paper           | Yes         |
| International Paper  | Hammermill Premium Laser | n/a                         | 94 Bright 16600-0      | Letter | 90 g/m <sup>2</sup>  | All                  | Paper           | Yes         |
| Staples              | Printing Paper           | n/a                         | 97 Bright 554638       | Letter | 90 g/m <sup>2</sup>  | All                  | Recycled        | Yes         |
| International Paper  | Hammermill Laser Print   | n/a                         | 96 bright 10460-4      | Letter | 90 g/m <sup>2</sup>  | All                  | Paper           | Yes         |
| <b>Transparency</b>  |                          |                             |                        |        |                      |                      |                 |             |
| 3M                   | Color Laser              | 76400 00420                 | CG3700 9488-4          | Letter | 5 mil                | Multipurpose         | Trans.          | No          |
| 3M                   | Copiers                  | n/a                         | PP2500 9497-5          | Letter | 4.5 mil              | Multipurpose         | Trans.          | No          |
| <b>Labels</b>        |                          |                             |                        |        |                      |                      |                 |             |
| Avery                | Laser                    | n/a                         | Mailing Labels 5260    | Letter | 0.16 mm              | Multipurpose         | Label           | No          |
| Office Depot         | Laser                    | n/a                         | Shipping Label 612-051 | Letter | 0.17 mm              | Multipurpose         | Label           | No          |
| Office Depot         | Laser                    | n/a                         | Return Labels 612-051  | Letter | 0.17 mm              | Multipurpose         | Label           | No          |
| <b>Thick Stock 1</b> |                          |                             |                        |        |                      |                      |                 |             |
| International Paper  | Hammermill Color Copy    | n/a                         | 98 Bright 10246-7      | Letter | 105 g/m <sup>2</sup> | Multipurpose         | Thick-1         | No          |
| Wausau               | Bright White             | n/a                         | 96 Bright 92906        | Letter | 105 g/m <sup>2</sup> | Multipurpose         | Thick-1         | No          |
| Staples              | Color Laser              | n/a                         | 97 Bright 633213       | Letter | 120 g/m <sup>2</sup> | Multipurpose         | Thick-1         | No          |

<sup>1</sup>= If item number is present, please contact Konica Minolta to order media.

n/a = Not available through Konica Minolta, contact manufacturer.



## Recommended Media for magicolor 5550/5570 & bizhub C30P/X

| Manufacturer         | Brand                 | KM Item Number <sup>1</sup> | Type / Item Number  | Size       | Paper Weight         | Paper Input Location | Printer Setting | Auto Duplex |
|----------------------|-----------------------|-----------------------------|---------------------|------------|----------------------|----------------------|-----------------|-------------|
| <b>Thick Stock 2</b> |                       |                             |                     |            |                      |                      |                 |             |
| International Paper  | Hammermill Color Copy | n/a                         | Photo White 02254-9 | Letter     | 163 g/m <sup>2</sup> | Multipurpose         | Thick-2         | No          |
| International Paper  | Hammermill Color Copy | n/a                         | 98 Bright 12254-9   | Letter     | 163 g/m <sup>2</sup> | Multipurpose         | Thick-2         | No          |
| Wausau               | Card Stock            | n/a                         | 92 Bright 49108     | Letter     | 165 g/m <sup>2</sup> | Multipurpose         | Thick-2         | No          |
| Wausau               | Card Stock            | n/a                         | 96 Bright 90901     | Letter     | 176 g/m <sup>2</sup> | Multipurpose         | Thick-2         | No          |
| International Paper  | Hammermill Card Stock | n/a                         | White 18634-0       | Letter     | 200 g/m <sup>2</sup> | Multipurpose         | Thick-2         | No          |
| Wausau               | Exact Index           | n/a                         | Card Stock 49598    | Letter     | 200 g/m <sup>2</sup> | Multipurpose         | Thick-2         | No          |
| <b>Envelopes</b>     |                       |                             |                     |            |                      |                      |                 |             |
| Office Max           | Envelopes             | n/a                         | Business OM98123    | # 10       | 24 lb.               | Multipurpose         | Envelope        | No          |
| Office Max           | Envelopes             | n/a                         | Security OM98122    | # 10       | 24 lb.               | Multipurpose         | Envelope        | No          |
| Office Max           | Envelopes             | n/a                         | Business OM98121    | 3.6"X 6.5" | 24 lb.               | Multipurpose         | Envelope        | No          |
| Office Max           | Envelopes             | n/a                         | Security OM98120    | 3.6"X 6.5" | 24 lb.               | Multipurpose         | Envelope        | No          |
| Staples              | Envelopes             | n/a                         | Business 187013     | #10        | 24 lb.               | Multipurpose         | Envelope        | No          |
| Staples              | Envelopes             | n/a                         | Security 200519     | #10        | 24 lb.               | Multipurpose         | Envelope        | No          |
| Office Depot         | Envelopes             | n/a                         | Business 633-888    | #10        | 24 lb.               | Multipurpose         | Envelope        | No          |
| Office Depot         | Envelopes             | n/a                         | Security 633-896    | #10        | 24 lb.               | Multipurpose         | Envelope        | No          |

1= If item number is present, please contact Konica Minolta to order media.

n/a = Not available through Konica Minolta, contact manufacturer.

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### Recommended Media for magicolor 5550/5570 & bizhub C30P/X

| Manufacturer        | Brand                     | KM Item Number <sup>1</sup> | Type / Item Number | Size     | Paper Weight                         | Paper Input Location | Printer Setting | Auto Duplex |
|---------------------|---------------------------|-----------------------------|--------------------|----------|--------------------------------------|----------------------|-----------------|-------------|
| <b>Glossy Stock</b> |                           |                             |                    |          |                                      |                      |                 |             |
| International Paper | Hammermill Color Laser    | n/a                         | Gloss 16311-0      | Letter   | 120 g/m <sup>2</sup>                 | Multipurpose         | Glossy          | No          |
| Staples             | Color Laser               | n/a                         | Gloss White 633215 | Letter   | 120 g/m <sup>2</sup>                 | Multipurpose         | Glossy          | No          |
| International Paper | Hammermill Business Gloss | n/a                         | 92 Bright 16302-0  | Letter   | 120 g/m <sup>2</sup>                 | Multipurpose         | Glossy          | No          |
| <b>Banner Paper</b> |                           |                             |                    |          |                                      |                      |                 |             |
| Konica Minolta      | Q-Media                   | 1710637-001                 | Banner             | 8.5"X40" | 65 lb. Cover<br>176 g/m <sup>2</sup> | Multipurpose         | Thick-2         | No          |
| <b>Other</b>        |                           |                             |                    |          |                                      |                      |                 |             |
| PPG                 | Teslin                    | n/a                         | SP1200             | A4       | 0.33 mm                              | Multipurpose         | Thick-2         | No          |

<sup>1</sup>= If item number is present, please contact Konica Minolta to order media.

n/a = Not available through Konica Minolta, contact manufacturer.



## Media Type Specification for magicolor 5550/5570 & bizhub C30P/X

| Media Type        | Weight                   | Standard Cassette |          | Multi. / Manual Tray |          | Optional Cassette |          | Auto Duplex |
|-------------------|--------------------------|-------------------|----------|----------------------|----------|-------------------|----------|-------------|
|                   |                          | Supported         | Capacity | Supported            | Capacity | Supported         | Capacity |             |
| Plain Paper       | 60-90 g/m <sup>2</sup>   | Yes               | 500      | Yes                  | 100      | Yes               | 500      | Yes         |
| Recycled Paper    | 60-90 g/m <sup>2</sup>   | Yes               | 500      | Yes                  | 100      | Yes               | 500      | Yes         |
| Transparency      | 4.5-5 mils               | No                | N/A      | Yes                  | 20       | No                | N/A      | No          |
| Letterhead        | 60-90 g/m <sup>2</sup>   | No                | N/A      | Yes                  | 20       | No                | N/A      | No          |
| Envelopes         | 60-90 g/m <sup>2</sup>   | No                | N/A      | Yes                  | 10       | No                | N/A      | No          |
| Labels            | 60-90 g/m <sup>2</sup>   | No                | N/A      | Yes                  | 20       | No                | N/A      | No          |
| Thick Paper1      | 91-150 g/m <sup>2</sup>  | No                | N/A      | Yes                  | 20       | No                | N/A      | No          |
| Thick Paper2      | 151-210 g/m <sup>2</sup> | No                | N/A      | Yes                  | 20       | No                | N/A      | No          |
| Japanese Postcard | 91-210 g/m <sup>2</sup>  | No                | N/A      | Yes                  | 20       | No                | N/A      | No          |
| Glossy Media I/II | 90-210 g/m <sup>2</sup>  | No                | N/A      | Yes                  | 20       | No                | N/A      | No          |
| Banner Paper      | 60-210 g/m <sup>2</sup>  | No                | N/A      | Yes                  | 1        | No                | N/A      | No          |

## Media Guide: Office Workgroup Products v1.0

### Recommended Media for magicolor 7450

| Manufacturer         | Brand                    | KM Item Number <sup>1</sup> | Type / Item Number  | Size     | Paper Weight         | Paper Input Location     | Printer Setting | Auto Duplex |
|----------------------|--------------------------|-----------------------------|---------------------|----------|----------------------|--------------------------|-----------------|-------------|
| <b>Plain Paper</b>   |                          |                             |                     |          |                      |                          |                 |             |
| Office Depot         | EnviroCopy               | n/a                         | 104 Bright 563-024  | Letter   | 75 g/m <sup>2</sup>  | All                      | Recycled        | Yes         |
| Impact               | Copy Paper               | n/a                         | 92 Bright 68117     | Letter   | 75 g/m <sup>2</sup>  | All                      | Paper           | Yes         |
| Staples              | Multiuse                 | n/a                         | 96 Bright 513099    | Letter   | 75 g/m <sup>2</sup>  | All                      | Paper           | Yes         |
| International Paper  | Hammermill Premium Laser | n/a                         | 94 Bright 16600-0   | Letter   | 90 g/m <sup>2</sup>  | All                      | Paper           | Yes         |
| Staples              | Printing Paper           | n/a                         | 97 Bright 554638    | Letter   | 90 g/m <sup>2</sup>  | All                      | Recycled        | Yes         |
| International Paper  | Hammermill Laser Print   | n/a                         | 96 bright 10460-4   | Letter   | 90 g/m <sup>2</sup>  | All                      | Paper           | Yes         |
| <b>Transparency</b>  |                          |                             |                     |          |                      |                          |                 |             |
| 3M                   | Color Laser              | 76400 00420                 | CG3700 9488-4       | Letter   | 5 mil                | Multipurpose, Upper Tray | Trans.          | No          |
| 3M                   | Copiers                  | n/a                         | PP2500 9497-5       | Letter   | 4.5 mil              | Multipurpose, Upper Tray | Trans.          | No          |
| <b>Label</b>         |                          |                             |                     |          |                      |                          |                 |             |
| Avery                | Laser                    | n/a                         | Mailing Labels 5260 | Letter   | 0.16 mm              | Multipurpose, Upper Tray | Label           | No          |
| <b>Thick Stock 1</b> |                          |                             |                     |          |                      |                          |                 |             |
| International Paper  | Hammermill Color Copy    | n/a                         | 98 Bright 10246-7   | Letter   | 105 g/m <sup>2</sup> | Multipurpose, Upper Tray | Thick-1         | Yes         |
| Wausau               | Bright White             | n/a                         | 96 Bright 92906     | Letter   | 105 g/m <sup>2</sup> | Multipurpose, Upper Tray | Thick-1         | Yes         |
| Staples              | Color Laser              | n/a                         | 97 Bright 633213    | Letter   | 120 g/m <sup>2</sup> | Multipurpose, Upper Tray | Thick-1         | Yes         |
| International Paper  | Hammermill Color Copy    | n/a                         | 98 Bright 10612-5   | 12"X 18" | 105 g/m <sup>2</sup> | Multipurpose, Upper Tray | Thick-1         | Yes         |
| International Paper  | Hammermill Color Copy    | n/a                         | 98 Bright 10254-1   | 11"X 17" | 105 g/m <sup>2</sup> | Multipurpose, Upper Tray | Thick-1         | Yes         |

<sup>1</sup>= If item number is present, please contact Konica Minolta to order media.

n/a = Not available through Konica Minolta, contact manufacturer.



## Recommended Media for magicolor 7450

| Manufacturer         | Brand                 | KM Item Number <sup>1</sup> | Type / Item Number  | Size       | Paper Weight         | Paper Input Location     | Printer Setting | Auto Duplex |
|----------------------|-----------------------|-----------------------------|---------------------|------------|----------------------|--------------------------|-----------------|-------------|
| <b>Thick Stock 2</b> |                       |                             |                     |            |                      |                          |                 |             |
| International Paper  | Hammermill Color Copy | n/a                         | Photo White 02254-9 | Letter     | 163 g/m <sup>2</sup> | Multipurpose, Upper Tray | Thick-2         | Yes         |
| International Paper  | Hammermill Color Copy | n/a                         | 98 Bright 12254-9   | Letter     | 163 g/m <sup>2</sup> | Multipurpose, Upper Tray | Thick-2         | Yes         |
| Wausau               | Card Stock            | n/a                         | 92 Bright 49108     | Letter     | 165 g/m <sup>2</sup> | Multipurpose, Upper Tray | Thick-2         | Yes         |
| International Paper  | Hammermill Color Copy | n/a                         | 98 Bright 12004-0   | 12"X 18"   | 163 g/m <sup>2</sup> | Multipurpose, Upper Tray | Thick-2         | Yes         |
| International Paper  | Hammermill Color Copy | n/a                         | 98 Bright 12255-6   | 11"X 17"   | 163 g/m <sup>2</sup> | Multipurpose, Upper Tray | Thick-2         | Yes         |
| Wausau               | Card Stock            | n/a                         | 96 Bright 90901     | Letter     | 176 g/m <sup>2</sup> | Multipurpose, Upper Tray | Thick-2         | Yes         |
| International Paper  | Hammermill Card Stock | n/a                         | White 18634-0       | Letter     | 200 g/m <sup>2</sup> | Multipurpose, Upper Tray | Thick-2         | Yes         |
| Wausau               | Exact Index           | n/a                         | Card Stock 49598    | Letter     | 200 g/m <sup>2</sup> | Multipurpose, Upper Tray | Thick-2         | Yes         |
| Wausau               | Card Stock            | n/a                         | 92 Bright 49508     | Letter     | 200 g/m <sup>2</sup> | Multipurpose, Upper Tray | Thick-2         | Yes         |
| <b>Thick Stock 3</b> |                       |                             |                     |            |                      |                          |                 |             |
| International Paper  | Hammermill Color Copy | n/a                         | 98 Bright 12002-3   | Letter     | 216 g/m <sup>2</sup> | Multipurpose, Upper Tray | Thick-3         | Yes         |
| International Paper  | Hammermill Color Copy | n/a                         | 98 Bright 12003-7   | 11"X 17"   | 216 g/m <sup>2</sup> | Multipurpose, Upper Tray | Thick-3         | Yes         |
| International Paper  | Hammermill Color Copy | n/a                         | 98 Bright 13320-0   | 12"X 18"   | 216 g/m <sup>2</sup> | Multipurpose, Upper Tray | Thick-3         | Yes         |
| Wilcox               | Titan                 | n/a                         | 88 Bright C2S       | Letter     | 248 g/m <sup>2</sup> | Multipurpose, Upper Tray | Thick-3         | Yes         |
| <b>Envelopes</b>     |                       |                             |                     |            |                      |                          |                 |             |
| Office Max           | Envelopes             | n/a                         | Business OM98123    | # 10       | 24 lb.               | Multipurpose             | Envelope        | No          |
| Office Max           | Envelopes             | n/a                         | Security OM98122    | # 10       | 24 lb.               | Multipurpose             | Envelope        | No          |
| Office Max           | Envelopes             | n/a                         | Business OM98121    | 3.6"X 6.5" | 24 lb.               | Multipurpose             | Envelope        | No          |

<sup>1</sup>= If item number is present, please contact Konica Minolta to order media.

n/a = Not available through Konica Minolta, contact manufacturer.



## Media Guide: Office Workgroup Products v1.0

### Recommended Media for magicolor 7450

| Manufacturer                 | Brand                     | KM Item Number <sup>1</sup> | Type / Item Number | Size         | Paper Weight         | Paper Input Location     | Printer Setting | Auto Duplex |
|------------------------------|---------------------------|-----------------------------|--------------------|--------------|----------------------|--------------------------|-----------------|-------------|
| <b>Envelopes (continued)</b> |                           |                             |                    |              |                      |                          |                 |             |
| Office Max                   | Envelopes                 | n/a                         | Security OM98120   | 3.6"X 6.5"   | 24 lb.               | Multipurpose             | Envelope        | No          |
| Staples                      | Envelopes                 | n/a                         | Business 187013    | #10          | 24 lb.               | Multipurpose             | Envelope        | No          |
| Staples                      | Envelopes                 | n/a                         | Security 200519    | #10          | 24 lb.               | Multipurpose             | Envelope        | No          |
| Office Depot                 | Envelopes                 | n/a                         | Business 633-888   | #10          | 24 lb.               | Multipurpose             | Envelope        | No          |
| Office Depot                 | Envelopes                 | n/a                         | Security 633-896   | #10          | 24 lb.               | Multipurpose             | Envelope        | No          |
| <b>Glossy Stock</b>          |                           |                             |                    |              |                      |                          |                 |             |
| International Paper          | Hammermill Color Copy     | n/a                         | 90 Bright 16311-0  | Letter       | 120 g/m <sup>2</sup> | Multipurpose, Upper Tray | Thick-1         | Yes         |
| Staples                      | Gloss White               | n/a                         | 96 Bright 633215   | Letter       | 120 g/m <sup>2</sup> | Multipurpose, Upper Tray | Thick-1         | Yes         |
| International Paper          | Hammermill Business Gloss | n/a                         | 92 Bright 16302-0  | Letter       | 120 g/m <sup>2</sup> | Multipurpose, Upper Tray | Thick-1         | Yes         |
| Smart Media                  | Kromekote                 | n/a                         | 2S Text L285119    | Letter       | 133 g/m <sup>2</sup> | Multipurpose, Upper Tray | Thick-1         | Yes         |
| International Paper          | Hammermill Color Copy     | n/a                         | 90 Bright 10620-0  | Letter       | 216 g/m <sup>2</sup> | Multipurpose, Upper Tray | Thick-3         | Yes         |
| Smart Media                  | Kromekote                 | n/a                         | 2S Cover L285110   | Letter       | 234 g/m <sup>2</sup> | Multipurpose, Upper Tray | Thick-3         | Yes         |
| Mohawk                       | Color Copy                | n/a                         | 96 Bright 36-107   | Letter       | 243 g/m <sup>2</sup> | Multipurpose, Upper Tray | Thick-3         | Yes         |
| Stora Enso                   | Gusto Gloss               | n/a                         | Cover              | Letter       | 271 g/m <sup>2</sup> | Multipurpose, Upper Tray | Thick-3         | No          |
| Stora Enso                   | Gusto Gloss               | n/a                         | Cover              | 11"X 17"     | 271 g/m <sup>2</sup> | Multipurpose, Upper Tray | Thick-3         | No          |
| <b>Glossy Stock</b>          |                           |                             |                    |              |                      |                          |                 |             |
| Konica Minolta               | Q-Media                   | 1710636-001                 | Banner 50 sheets   | 12.21" X 40" | 176 g/m <sup>2</sup> | Multipurpose, Upper Tray | Thick-2         | No          |
| Konica Minolta               | Q-Media                   | 1710367-001                 | Banner 50 sheets   | 8.5" X 40"   | 176 g/m <sup>2</sup> | Multipurpose, Upper Tray | Thick-2         | No          |

<sup>1</sup>= If item number is present, please contact Konica Minolta to order media.

n/a = Not available through Konica Minolta, contact manufacturer.



## Recommended Media for magicolor 7450

| Manufacturer        | Brand   | KM Item Number <sup>1</sup> | Type / Item Number | Size         | Paper Weight         | Paper Input Location     | Printer Setting | Auto Duplex |
|---------------------|---------|-----------------------------|--------------------|--------------|----------------------|--------------------------|-----------------|-------------|
| <b>Banner Paper</b> |         |                             |                    |              |                      |                          |                 |             |
| Konica Minolta      | Q-Media | 1710637-001                 | Banner 50 sheets   | 8.5"X40"     | 176 g/m <sup>2</sup> | Multipurpose             | Thick-2         | No          |
| Konica Minolta      | Q-Media | 1710636-001                 | Banner 50 sheets   | 12.25" X 40" | 176 g/m <sup>2</sup> | Multipurpose             | Thick-2         | No          |
| <b>Other</b>        |         |                             |                    |              |                      |                          |                 |             |
| PPG                 | Teslin  | n/a                         | SP1200             | A4           | 0.33 mm              | Multipurpose, Upper Tray | Thick-3         | Yes         |

<sup>1</sup>= If item number is present, please contact Konica Minolta to order media.

n/a = Not available through Konica Minolta, contact manufacturer.

## Media Type Specification for magicolor 7450

| Media Type        | Weight                   | Multipurpose Cassette |          | Multi. / Manual Tray |          | Optional Cassette |          | Auto Duplex |
|-------------------|--------------------------|-----------------------|----------|----------------------|----------|-------------------|----------|-------------|
|                   |                          | Supported             | Capacity | Supported            | Capacity | Supported         | Capacity |             |
| Plain Paper       | 64-90 g/m <sup>2</sup>   | Yes                   | 250      | Yes                  | 100      | Yes               | 500      | Yes         |
| Recycled Paper    | 64-90 g/m <sup>2</sup>   | Yes                   | 250      | Yes                  | 100      | Yes               | 500      | Yes         |
| Transparency      | 5 mils                   | Yes                   | 50       | Yes                  | 10       | No                | N/A      | No          |
| Transparency II   | 4.5 mils                 | Yes                   | 50       | Yes                  | 10       | No                | N/A      | No          |
| Letterhead        | 64-90 g/m <sup>2</sup>   | Yes                   | 50       | Yes                  | 10       | No                | N/A      | No          |
| Envelopes         | 64-90 g/m <sup>2</sup>   | Yes                   | 10       | Yes                  | 10       | No                | N/A      | No          |
| Labels            | 64-90 g/m <sup>2</sup>   | Yes                   | 50       | Yes                  | 10       | No                | N/A      | No          |
| Thick Paper 1     | 91-150 g/m <sup>2</sup>  | Yes                   | 50       | Yes                  | 10       | No                | N/A      | Yes         |
| Thick Paper 2     | 151-210 g/m <sup>2</sup> | Yes                   | 50       | Yes                  | 10       | Yes               | N/A      | Yes         |
| Thick Paper 3     | 211-256 g/m <sup>2</sup> | Yes                   | 10       | Yes                  | 10       | Yes               | N/A      | Yes         |
| Japanese Postcard | 64-90 g/m <sup>2</sup>   | Yes                   | 50       | Yes                  | 10       | No                | N/A      | No          |
| Glossy Media      | 64-90 g/m <sup>2</sup>   | Yes                   | 50       | Yes                  | 10       | No                | N/A      | No          |

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### Recommended Media for magicolor 8650DN

| Manufacturer                        | Brand                   | KM Item Number <sup>1</sup> | Type / Item Number      | Size      | Paper Weight                          | Paper Input Location | Printer Setting | Auto Duplex |
|-------------------------------------|-------------------------|-----------------------------|-------------------------|-----------|---------------------------------------|----------------------|-----------------|-------------|
| <b>Plain Paper for Color Output</b> |                         |                             |                         |           |                                       |                      |                 |             |
| Konica Minolta                      | CF Paper                | 8918308                     | Plain Paper 1000 sheets | 12" x 18" | 28 lb. Bond (105 g/m <sup>2</sup> )   | Any Tray, Bypass     | Thick 1         | Yes         |
| Konica Minolta                      | CF Paper                | 8918320                     | Plain Paper 1000 sheets | Ledger    | 28 lb. Bond (105 g/m <sup>2</sup> )   | Any Tray, Bypass     | Thick 1         | Yes         |
| Konica Minolta                      | CF Paper                | 8918321                     | Plain Paper 2000 sheets | Letter    | 28 lb. Bond (105 g/m <sup>2</sup> )   | Any Tray, Bypass     | Thick 1         | Yes         |
| Konica Minolta                      | CF Paper                | 8918309                     | Plain Paper 1500 sheets | 12" X 18" | 22 lb. Bond (80 g/m <sup>2</sup> )    | Any Tray, Bypass     | Plain Paper     | Yes         |
| Konica Minolta                      | CF Paper                | 8918314                     | Plain Paper 1500 sheets | Ledger    | 22 lb. Bond (80 g/m <sup>2</sup> )    | Any Tray, Bypass     | Plain Paper     | Yes         |
| Konica Minolta                      | CF Paper                | 8918315                     | Plain Paper 2500 sheets | Letter    | 22 lb. Bond (80 g/m <sup>2</sup> )    | Any Tray, Bypass     | Plain Paper     | Yes         |
| International Paper                 | Hammermill              | n/a                         | Color Copy Photo White  | Letter    | 32 lb. Bond (120 g/m <sup>2</sup> )   | Any Tray, Bypass     | Thick 1         | Yes         |
| International Paper                 | Hammermill              | n/a                         | Color Copy              | Letter    | 32 lb. Bond (120 g/m <sup>2</sup> )   | Any Tray, Bypass     | Thick 1         | Yes         |
| International Paper                 | Hammermill              | n/a                         | Color Copy Cover        | Letter    | 60 lb. Cover (163 g/m <sup>2</sup> )  | Any Tray, Bypass     | Thick 2         | Yes         |
| International Paper                 | Hammermill              | n/a                         | Color Copy Cover        | Letter    | 80 lb. Cover (216 g/m <sup>2</sup> )  | Any Tray, Bypass     | Thick 3         | Yes         |
| International Paper                 | Hammermill              | n/a                         | Color Copy Cover        | Letter    | 100 lb. Cover (271 g/m <sup>2</sup> ) | Bypass               | Thick 4         | No          |
| Domtar                              | Microprint Laser        | n/a                         | -                       | Letter    | 24 lb. Bond (90 g/m <sup>2</sup> )    | Any Tray, Bypass     | Plain Paper     | Yes         |
| Domtar                              | Recycled Copy           | n/a                         | 30% Post Consumer       | Letter    | 20 lb. Bond (75 g/m <sup>2</sup> )    | Any Tray, Bypass     | Plain Paper     | Yes         |
| Domtar                              | Microprint Color Copy   | n/a                         | -                       | Letter    | 28 lb. Bond (105 g/m <sup>2</sup> )   | Any Tray, Bypass     | Thick 1         | Yes         |
| Smart Papers                        | Carnival Stellar White  | n/a                         | -                       | Letter    | 24 lb. Bond (89 g/m <sup>2</sup> )    | Any Tray, Bypass     | Plain Paper     | Yes         |
| Smart Papers                        | Carnival White          | n/a                         | -                       | Letter    | 24 lb. Bond (89 g/m <sup>2</sup> )    | Any Tray, Bypass     | Plain Paper     | Yes         |
| Smart Papers                        | Synergy Bond 25% Cotton | n/a                         | -                       | Letter    | 24 lb. Bond (90 g/m <sup>2</sup> )    | Any Tray, Bypass     | Plain Paper     | Yes         |
| Mohawk Fine Papers Inc.             | Color Copy              | n/a                         | 98 Bright White         | Letter    | 24 lb. Bond (90 g/m <sup>2</sup> )    | Any Tray, Bypass     | Plain Paper     | Yes         |

1= If item number is present, please contact Konica Minolta to order media.

n/a = Not available through Konica Minolta, contact manufacturer.



## Recommended Media for magicolor 8650DN

| Manufacturer                             | Brand                               | KM Item Number <sup>1</sup> | Type / Item Number           | Size   | Paper Weight                          | Paper Input Location | Printer Setting | Auto Duplex |
|------------------------------------------|-------------------------------------|-----------------------------|------------------------------|--------|---------------------------------------|----------------------|-----------------|-------------|
| <b>Plain Paper for Monochrome Output</b> |                                     |                             |                              |        |                                       |                      |                 |             |
| International Paper                      | Hammermill                          | n/a                         | Tidal MP                     | Letter | 20 lb. Bond (75 g/m <sup>2</sup> )    | Any Tray, Bypass     | Plain Paper     | Yes         |
| <b>Single-Sided Glossy</b>               |                                     |                             |                              |        |                                       |                      |                 |             |
| Smart Papers                             | Kromekote Laser High Gloss          | n/a                         | Coated One Side 10 pt Cover  | Letter | 10 pt. Cover (219 g/m <sup>2</sup> )  | Any Tray, Bypass     | Thick 3         | Yes         |
| Smart Papers                             | Kromekote Laser High Gloss          | n/a                         | Coated One Side 12 pt Cover  | Letter | 12 pt. Cover (247 g/m <sup>2</sup> )  | Any Tray, Bypass     | Thick 3         | Yes         |
| <b>Double-Sided Glossy</b>               |                                     |                             |                              |        |                                       |                      |                 |             |
| Sappi                                    | Opus Gloss                          | n/a                         | -                            | Letter | 80 lb. Text (118 g/m <sup>2</sup> )   | Any Tray, Bypass     | Thick 1         | Yes         |
| Sappi                                    | Opus Gloss Cover                    | n/a                         | -                            | Letter | 80 lb. Cover (216 g/m <sup>2</sup> )  | Any Tray, Bypass     | Thick 3         | Yes         |
| Domtar                                   | Microprint                          | n/a                         | Coated Laser Gloss           | Letter | 80 lb. Cover (216 g/m <sup>2</sup> )  | Any Tray, Bypass     | Thick 3         | Yes         |
| Smart Papers                             | Kromekote plus C2S Cover            | n/a                         | -                            | Letter | 90 lb. Cover (237 g/m <sup>2</sup> )  | Any Tray, Bypass     | Thick 3         | Yes         |
| Smart Papers                             | Krometekote Laser High Gloss        | n/a                         | Coated Two Sides 10 pt Cover | Letter | 10 pt. Cover (234 g/m <sup>2</sup> )  | Any Tray, Bypass     | Thick 3         | Yes         |
| Smart Papers*                            | Krometekote Laser High Gloss        | n/a                         | Coated Two Sides             | Letter | 90 lb. Text (133 g/m <sup>2</sup> )   | Any Tray, Bypass     | Thick 1         | Yes         |
| Mohawk Fine Papers Inc.                  | Mohawk Color Copy                   | n/a                         | Gloss Pure White             | Letter | 32 lb. Bond (120 g/m <sup>2</sup> )   | Any Tray, Bypass     | Thick 1         | Yes         |
| Mohawk Fine Papers Inc.                  | Mohawk Color Copy                   | n/a                         | Gloss Pure White             | Letter | 80 lb. Cover (216 g/m <sup>2</sup> )  | Any Tray, Bypass     | Thick 3         | Yes         |
| Mohawk Fine Papers Inc.                  | Mohawk Color Copy                   | n/a                         | Gloss Pure White 100C        | Letter | 100 lb. Cover (270 g/m <sup>2</sup> ) | Bypass               | Thick 4         | No          |
| <b>Cover Stock</b>                       |                                     |                             |                              |        |                                       |                      |                 |             |
| Domtar                                   | Microprint Laser Coated Matte Cover | n/a                         | Cover                        | Letter | 80 lb. Cover (216 g/m <sup>2</sup> )  | Any Tray, Bypass     | Thick 3         | Yes         |

<sup>1</sup>= If item number is present, please contact Konica Minolta to order media.

n/a = Not available through Konica Minolta, contact manufacturer.

**\*Note:** Smart Papers - Krometekote Laser High Gloss 90 lb. Text (133 g/m<sup>2</sup>) cannot be used in high humidity environments.

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### Recommended Media for magicolor 8650DN

| Manufacturer                   | Brand                 | KM Item Number <sup>1</sup> | Type / Item Number          | Size            | Paper Weight                          | Paper Input Location | Printer Setting       | Auto Duplex |
|--------------------------------|-----------------------|-----------------------------|-----------------------------|-----------------|---------------------------------------|----------------------|-----------------------|-------------|
| <b>Cover Stock (continued)</b> |                       |                             |                             |                 |                                       |                      |                       |             |
| Domtar                         | Microprint Color Copy | n/a                         | Cover                       | Letter          | 80 lb. Cover (216 g/m <sup>2</sup> )  | Any Tray, Bypass     | Thick 3               | Yes         |
| Domtar                         | Microprint Color Copy | n/a                         | Cover                       | Letter          | 60 lb. Cover (163 g/m <sup>2</sup> )  | Any Tray, Bypass     | Thick 2               | Yes         |
| Domtar                         | Microprint Color Copy | n/a                         | Cover                       | Letter          | 65 lb. Cover (176 g/m <sup>2</sup> )  | Any Tray, Bypass     | Thick 2               | Yes         |
| Smart Papers                   | Carnival White Cover  | n/a                         | Cover                       | Letter          | 80 lb. Cover (216 g/m <sup>2</sup> )  | Any Tray, Bypass     | Thick 3               | Yes         |
| Wausau Paper                   | Exact Index           | n/a                         | -                           | Letter          | 140 lb. Index (255 g/m <sup>2</sup> ) | Any Tray, Bypass     | Thick 3               | Yes         |
| Mohawk Fine Papers Inc.        | Mohawk Color Copy     | n/a                         | 98 Bright White             | Letter          | 80 lb. Cover (216 g/m <sup>2</sup> )  | Any Tray, Bypass     | Thick 3               | Yes         |
| Mohawk Fine Papers Inc.        | Mohawk Color Copy     | n/a                         | 98 Bright White             | Letter          | 100 lb. Cover (270 g/m <sup>2</sup> ) | Bypass               | Thick 4               | No          |
| <b>Envelopes</b>               |                       |                             |                             |                 |                                       |                      |                       |             |
| For the Future                 | Envelope              | n/a                         | Preservation Wove 5789      | 11" x 6.75"     | 24 lb.                                | Bypass               | Envelope              | No          |
| <b>Banner Paper</b>            |                       |                             |                             |                 |                                       |                      |                       |             |
| Konica Minolta                 | Banner Paper          | 76400 02409                 | Plain Paper 200 sheets      | 11.75" x 47.24" | 100 lb. Text (180 g/m <sup>2</sup> )  | Bypass               | Banner Mode / Thick 1 | No          |
| <b>Labels</b>                  |                       |                             |                             |                 |                                       |                      |                       |             |
| Avery                          | 4" x 6" Postcard      | n/a                         | 5889                        | Letter          | -                                     | Any Tray, Bypass     | Thick 1               | No          |
| Avery                          | Color Printing Labels | n/a                         | 6870<br>30 labels per sheet | Letter          | -                                     | Any Tray, Bypass     | Thick 1               | No          |
| Avery                          | Color Printing Labels | n/a                         | 6873<br>8 labels per sheet  | Letter          | -                                     | Any Tray, Bypass     | Thick 1               | No          |
| Avery                          | Color Printing Labels | n/a                         | 6876<br>2 labels per sheet  | Letter          | -                                     | Any Tray, Bypass     | Thick 1               | No          |
| Avery                          | Color Printing Labels | n/a                         | 6878<br>4 labels per sheet  | Letter          | -                                     | Any Tray, Bypass     | Thick 1               | No          |

1= If item number is present, please contact Konica Minolta to order media.

n/a = Not available through Konica Minolta, contact manufacturer.



## Recommended Media for magicolor 8650DN

| Manufacturer    | Brand                  | KM Item Number <sup>1</sup> | Type / Item Number | Size   | Paper Weight | Paper Input Location | Printer Setting | Auto Duplex |
|-----------------|------------------------|-----------------------------|--------------------|--------|--------------|----------------------|-----------------|-------------|
| Specialty Paper |                        |                             |                    |        |              |                      |                 |             |
| Techni-Print*   | Photo T-Shirt Transfer | n/a                         | 9721PO-8511        | Letter | -            | Any Tray, Bypass     | Thick 2         | No          |
| Transparency    |                        |                             |                    |        |              |                      |                 |             |
| 3M              | Color Laser            | 76400 00420                 | CG3700 9488-4      | Letter | 5 mil        | Bypass               | OHP             | No          |

<sup>1</sup>= If item number is present, please contact Konica Minolta to order media.

n/a = Not available through Konica Minolta, contact manufacturer.

**\*Note T-Shirt Transfer Paper:** This paper should not be solely used in the copier and should only be used on a limited basis (250 sheets per run maximum). Also, pay particular attention if a misfeed occurs in the fuser section of the copier. It should be removed immediately (due to odor) and then 15-25 sheets of regular (20lb bond) paper should be run to clean the fusing rollers. Also cannot be used in high humidity environments.

## Media Type Specification for magicolor 8650DN

### Standard Tray Capacity and Supported Media

| Media Type    | Weight                   | Tray 2     | Tray 3     | Tray 1 (bypass)        | Auto Duplex |
|---------------|--------------------------|------------|------------|------------------------|-------------|
| Plain Paper   | 60-90 g/m <sup>2</sup>   | 500 sheets | 500 sheets | 150 sheets             | Yes         |
| OHP Film      | -                        | -          | -          | 20 sheets <sup>1</sup> | No          |
| Transparency  | -                        | 150 sheets | 150 sheets |                        | Yes         |
| Thick Paper 1 | 91-150 g/m <sup>2</sup>  |            |            |                        |             |
| Thick Paper 2 | 151-209 g/m <sup>2</sup> |            |            |                        |             |
| Thick Paper 3 | 210-256 g/m <sup>2</sup> |            |            |                        |             |
| Thick Paper 4 | 257-271 g/m <sup>2</sup> | -          | -          |                        | No          |
| Post Cards    | -                        | -          | -          |                        |             |
| Envelopes     | -                        | -          | -          | 10 sheets              |             |
| Labels        | -                        | -          | -          | 20 sheets              |             |
| Banner Paper  | 127-210 g/m <sup>2</sup> | -          | -          | 10 sheets              |             |

### PC-104/204 Tray Capacity and Supported Media

| Media Type    | Weight                   | Tray 4     | Tray 5     | Auto Duplex |
|---------------|--------------------------|------------|------------|-------------|
| Plain Paper   | 60-90 g/m <sup>2</sup>   | 500 sheets | 500 sheets | Yes         |
| Thick Paper 1 | 91-150 g/m <sup>2</sup>  | 150 sheets | 150 sheets | Yes         |
| Thick Paper 2 | 151-209 g/m <sup>2</sup> |            |            | Yes         |
| Thick Paper 3 | 210-256 g/m <sup>2</sup> |            |            | Yes         |

### PC-405 Tray Capacity and Supported Media

| Media Type    | Weight                   | LCT Tray     | Auto Duplex |
|---------------|--------------------------|--------------|-------------|
| Plain Paper   | 60-90 g/m <sup>2</sup>   | 2,500 sheets | Yes         |
| Thick Paper 1 | 91-150 g/m <sup>2</sup>  | 1,000 sheets | Yes         |
| Thick Paper 2 | 151-209 g/m <sup>2</sup> |              | Yes         |
| Thick Paper 3 | 210-256 g/m <sup>2</sup> |              | Yes         |

### Important Notes:

1: Monochrome print only.

### Automatic Duplex:

Only for plain paper weighing 64-90 g/m<sup>2</sup> or thick paper weighing 91-256 g/m<sup>2</sup> are reliably fed.





## Monochrome Office Workgroup Products





## Media Guide: Office Workgroup Products v1.0

### Recommended Media for bizhub 360/420/500

| Manufacturer          | Brand                   | KM Item Number <sup>1</sup> | Type / Item Number | Size   | Paper Weight                        | Paper Input Location | MFP Setting | Auto Duplex |
|-----------------------|-------------------------|-----------------------------|--------------------|--------|-------------------------------------|----------------------|-------------|-------------|
| <b>Plain Paper</b>    |                         |                             |                    |        |                                     |                      |             |             |
| International Paper   | Hammermill Tidal MP     | n/a                         | 162008             | Letter | 20 lb. Bond (75 g/m <sup>2</sup> )  | Any Tray, Bypass     | Plain Paper | Yes         |
| Xerox                 | 4024 DP                 | n/a                         | 3R727              | Letter | 24 lb. Bond (90 g/m <sup>2</sup> )  | Any Tray, Bypass     | Plain Paper | Yes         |
| <b>Recycled Paper</b> |                         |                             |                    |        |                                     |                      |             |             |
| Weyerhaeuser          | Recycled Laser Copy     | n/a                         | -                  | Letter | 20 lb. Bond (75 g/m <sup>2</sup> )  | Any Tray, Bypass     | Plain Paper | Yes         |
| International Paper   | Great White MultiUse 20 | n/a                         | 92 Brightness      | Letter | 20 lb. Bond (75 g/m <sup>2</sup> )  | Any Tray, Bypass     | Plain Paper | Yes         |
| <b>Transparency</b>   |                         |                             |                    |        |                                     |                      |             |             |
| Hewlett Packard       | Transparency            | n/a                         | 92296T             | Letter | -                                   | Bypass               | OHP         | No          |
| <b>Label Sheets</b>   |                         |                             |                    |        |                                     |                      |             |             |
| Avery                 | White Mailing Labels    | n/a                         | 5160               | Letter | -                                   | Bypass               | Thick Paper | No          |
| <b>Thick Paper</b>    |                         |                             |                    |        |                                     |                      |             |             |
| International Paper   | Hammermill Laser Print  | n/a                         | -                  | Letter | 32 lb. Bond (120 g/m <sup>2</sup> ) | Bypass               | Thick Paper | No          |

<sup>1</sup>= If item number is present, please contact Konica Minolta to order media.

n/a = Not available through Konica Minolta, contact manufacturer.

**Note:** Thick paper, envelopes and label sheets can only be fed through the 1<sup>st</sup> tray or the bypass tray.



## Paper Type Specifications for bizhub 360/420/500

### Standard Supported Media

| Media Type               | Weight                   | Tray 1 / Tray 2 | Multiple Bypass | Auto Duplex |
|--------------------------|--------------------------|-----------------|-----------------|-------------|
| Plain Paper              | 60-90 g/m <sup>2</sup>   | Supported       | Supported       | Yes         |
| Recycled Paper           | 60-90 g/m <sup>2</sup>   |                 |                 |             |
| Thick Paper              | 91-105 g/m <sup>2</sup>  |                 |                 |             |
| Thick Paper              | 106-210 g/m <sup>2</sup> | Not Supported   |                 | No          |
| Thin Paper               | 50-59 g/m <sup>2</sup>   |                 |                 |             |
| Label Paper <sup>1</sup> | -                        |                 |                 |             |
| OHP film                 | -                        |                 |                 |             |
| Envelopes                | -                        |                 |                 |             |

### Important Notes:

1: Label paper is loaded and fed one sheet at a time.

### PC-202 Supported Media

| Media Type  | Weight                 | Tray 3 / Tray 4 | Auto Duplex |
|-------------|------------------------|-----------------|-------------|
| Plain Paper | 56-90 g/m <sup>2</sup> | Supported       | Yes         |

### PC-402 Supported Media

| Media Type  | Weight                 | LCT Tray  | Auto Duplex |
|-------------|------------------------|-----------|-------------|
| Plain Paper | 56-90 g/m <sup>2</sup> | Supported | Yes         |

### LU-201 Supported Media

| Media Type     | Weight                  | LCT Tray  | Auto Duplex |
|----------------|-------------------------|-----------|-------------|
| Plain Paper    | 60-105 g/m <sup>2</sup> | Supported | Yes         |
| Recycled Paper | 60-105 g/m <sup>2</sup> | Supported | Yes         |

## Media Guide: Office Workgroup Products v1.0

### Recommended Media for bizhub 600/750

| Manufacturer          | Brand                  | KM Item Number <sup>1</sup> | Type / Item Number | Size   | Paper Weight                        | Paper Input Location | MFP Setting | Auto Duplex |
|-----------------------|------------------------|-----------------------------|--------------------|--------|-------------------------------------|----------------------|-------------|-------------|
| <b>Plain Paper</b>    |                        |                             |                    |        |                                     |                      |             |             |
| International Paper   | Hammermill Tidal MP    | n/a                         | 162008             | Letter | 20 lb. Bond (75 g/m <sup>2</sup> )  | Any Tray, Bypass     | Plain Paper | Yes         |
| <b>Recycled Paper</b> |                        |                             |                    |        |                                     |                      |             |             |
| Weyerhaeuser          | Recycled Laser Copy    | n/a                         | -                  | Letter | 20 lb. Bond (75 g/m <sup>2</sup> )  | Any Tray, Bypass     | Plain Paper | Yes         |
| <b>Transparency</b>   |                        |                             |                    |        |                                     |                      |             |             |
| Hewlett Packard       | Transparency           | n/a                         | 92296T             | Letter | -                                   | Bypass               | OHP         | No          |
| <b>Labels</b>         |                        |                             |                    |        |                                     |                      |             |             |
| Avery                 | White Mailing Labels   | n/a                         | 5160               | Letter | -                                   | Any Tray, Bypass     | Labels      | No          |
| Avery                 | White Mailing Labels   | n/a                         | 5352               | Letter | -                                   | Any Tray, Bypass     | Labels      | No          |
| <b>Thin Paper</b>     |                        |                             |                    |        |                                     |                      |             |             |
| Domtar                | -                      | n/a                         | -                  | Letter | 16 lb. Bond (59 g/m <sup>2</sup> )  | Any Tray, Bypass     | Plain Paper | No          |
| <b>Thick Paper</b>    |                        |                             |                    |        |                                     |                      |             |             |
| International Paper   | Hammermill Laser Print | n/a                         | -                  | Letter | 32 lb. Bond (120 g/m <sup>2</sup> ) | Any Tray, Bypass     | Plain Paper | No          |

<sup>1</sup>= If item number is present, please contact Konica Minolta to order media.

n/a = Not available through Konica Minolta, contact manufacturer.



## Media Type Specification for bizhub 600/750

### Standard Supported Media

| Media Type               | Weight                  | All Trays     | Multiple Bypass | Auto Duplex |
|--------------------------|-------------------------|---------------|-----------------|-------------|
| Plain Paper              | 60-90 g/m <sup>2</sup>  | Supported     | Supported       | Yes         |
| Recycled Paper           | 60-90 g/m <sup>2</sup>  |               |                 |             |
| Thin Paper               | 50-59 g/m <sup>2</sup>  |               |                 |             |
| Thick Paper              | 91-200 g/m <sup>2</sup> |               |                 |             |
| Label Paper <sup>1</sup> | -                       | Not Supported |                 | No          |
| OHP Film                 | -                       |               |                 |             |
| Transparency             | -                       |               |                 |             |
| Envelopes                | -                       |               |                 |             |
| Tab Paper                | -                       |               |                 |             |

### Important Notes:

1: Label paper is loaded and fed one sheet at a time.

## Media Guide: Office Workgroup Products v1.0

### Recommended Media for PagePro 1380MF/1390MF

| Manufacturer        | Brand                  | KM Item Number <sup>1</sup> | Type / Item Number     | Size   | Paper Weight                       | Paper Input Location      | Printer Setting | Auto Duplex |
|---------------------|------------------------|-----------------------------|------------------------|--------|------------------------------------|---------------------------|-----------------|-------------|
| <b>Plain paper</b>  |                        |                             |                        |        |                                    |                           |                 |             |
| International Paper | Hammermill Laser Print | n/a                         | 10460-4                | Letter | 24 lb. Bond (90 g/m <sup>2</sup> ) | Multipurpose, Manual Feed | Plain Paper     | Yes         |
| Xerox               | 4024 DP                | n/a                         | 3R727                  | Letter | 24 lb. Bond (90 g/m <sup>2</sup> ) | Multipurpose, Manual Feed | Plain Paper     | Yes         |
| <b>Envelopes</b>    |                        |                             |                        |        |                                    |                           |                 |             |
| Columbian           | Recycled               | n/a                         | COR02                  | #10    | 24 lb.                             | Manual Feed               | Envelope        | No          |
| Columbian           | Laser Quality          | n/a                         | CO130                  | #10    | 24 lb.                             | Manual Feed               | Envelope        | No          |
| <b>Transparency</b> |                        |                             |                        |        |                                    |                           |                 |             |
| Konica Minolta      | Q-Media                | 1710463-001                 | Transparency 50 sheets | Letter | -                                  | Manual Feed               | Trans.          | No          |
| Konica Minolta      | Q-Media                | 1710463-002                 | Transparency 5 sheets  | Letter | -                                  | Manual Feed               | Trans.          | No          |
| <b>Label Sheets</b> |                        |                             |                        |        |                                    |                           |                 |             |
| Avery               | Laser                  | n/a                         | Mailing Labels 5260    | Letter | 0.16 mm                            | Manual Feed               | Label           | No          |

<sup>1</sup>= If item number is present, please contact Konica Minolta to order media.

n/a = Not available through Konica Minolta, contact manufacturer.

### Media Type Specification for PagePro 1380MF/1390MF

| Media Type     | Specifications                             | Setting      |
|----------------|--------------------------------------------|--------------|
| Normal paper   | 16–24 lb (60–90 g/m <sup>2</sup> )         | Plain Paper  |
| Recycled paper | 16–24 lb (60–90 g/m <sup>2</sup> )         | Plain Paper  |
| Envelopes      | 25–43 lb bond* (91–163 g/m <sup>2</sup> )  | Envelope     |
| Labels (sheet) | Supported*                                 | Thick Paper  |
| Letterhead     | 16–24 lb (60–90 g/m <sup>2</sup> )         | Plain Paper  |
| Postcards      | 16–43 lb (60–163 g/m <sup>2</sup> )        | Thick Paper  |
| Thick stock    | 25–43 lb bond** (91–163 g/m <sup>2</sup> ) | Thick Paper  |
| Transparency   | Konica Minolta Q-Media                     | Transparency |

\* Must be certified for laser printers and capable of withstanding fusing temperature of 401° F (205° C)

\*\* 43 lb bond is also referred to as 90 lb index



## Recommended Media for pagepro 4650EN/5650EN & bizhub 40P/X

| Manufacturer        | Brand                                    | KM Item Number <sup>1</sup> | Type / Item Number | Size       | Paper Weight                         | Paper Input Location      | Printer Setting | Auto Duplex |
|---------------------|------------------------------------------|-----------------------------|--------------------|------------|--------------------------------------|---------------------------|-----------------|-------------|
| <b>Plain paper</b>  |                                          |                             |                    |            |                                      |                           |                 |             |
| International Paper | Hammermill For e MP                      | n/a                         | 101279             | Letter     | 24 lb. Bond (90 g/m <sup>2</sup> )   | Multipurpose, Manual Feed | Plain Paper     | Yes         |
| International Paper | Hammermill Photo White                   | n/a                         | 10246-7            | Letter     | 28 lb. Bond (104 g/m <sup>2</sup> )  | Multipurpose, Manual Feed | Plain Paper     | Yes         |
| International Paper | Hammermill Tidal MP                      | n/a                         | 16200-8            | Letter     | 20 lb. Bond (75 g/m <sup>2</sup> )   | Multipurpose, Manual Feed | Plain Paper     | Yes         |
| Xerox               | 4200 Business Multipurpose               | n/a                         | -                  | Letter     | 20 lb. Bond (75 g/m <sup>2</sup> )   | Multipurpose, Manual Feed | Plain Paper     | Yes         |
| Boise               | Cascade                                  | n/a                         | X9000              | Letter     | 20 lb. Bond (75 g/m <sup>2</sup> )   | Multipurpose, Manual Feed | Plain Paper     | Yes         |
| Domtar              | Microprint Digital Publishing Text (DPT) | n/a                         | -                  | Letter     | 18 lb. Bond (67 g/m <sup>2</sup> )   | Multipurpose, Manual Feed | Plain Paper     | Yes         |
| <b>Thick Stock</b>  |                                          |                             |                    |            |                                      |                           |                 |             |
| Xerox               | 65 lb. Cover Stock                       | n/a                         | 3R3041             | Letter     | 65 lb. Bond (175 g/m <sup>2</sup> )  | Multipurpose, Manual Feed | Thick-1         | Yes         |
| Neenah              | Classic Crest                            | n/a                         | -                  | Letter     | 80 lb. Cover (218 g/m <sup>2</sup> ) | Multipurpose, Manual Feed | Thick-2         | Yes         |
| Oxford              | White Recycled Index Cards               | n/a                         | 40801              | 3" x 5"    | -                                    | Multipurpose, Manual Feed | Thick-1         | Yes         |
| <b>Envelopes</b>    |                                          |                             |                    |            |                                      |                           |                 |             |
| Columbian           | Recycled                                 | n/a                         | COR02              | #10        | 24 lb.                               | Manual Feed               | Envelope        | No          |
| Vanguard            | COM-10                                   | n/a                         | 6470               | #10        | 20 lb.                               | Manual Feed               | Envelope        | No          |
| Monroe              | MONARCH                                  | n/a                         |                    | #10        |                                      | Manual Feed               | Envelope        | No          |
| Williamhouse        | COM-10                                   | n/a                         | 647282             | #10        | 24 lb.                               | Manual Feed               | Envelope        | No          |
| <b>Transparency</b> |                                          |                             |                    |            |                                      |                           |                 |             |
| 3M                  | Trans. Film                              | n/a                         | Color Laser CG3300 | Letter     | .09mm                                | Bypass                    | OHP             | No          |
| <b>Labels</b>       |                                          |                             |                    |            |                                      |                           |                 |             |
| Avery               | Mailing Labels                           | n/a                         | 5160               | Letter     | -                                    | Multipurpose              | Label           | No          |
| <b>Banner Paper</b> |                                          |                             |                    |            |                                      |                           |                 |             |
| Konica Minolta      | Q-Media                                  | 1710637-001                 | Banner             | 8.5" x 40" | 65 lb. Cover (176 g/m <sup>2</sup> ) | Multipurpose              | Banner mode     | No          |

## Media Type Specification for pagepro 4650EN

### Standard Tray Capacity and Supported Media

| Media Type            | Weight                   | Tray 1     | Tray 2     | Auto Duplex <sup>1</sup> |
|-----------------------|--------------------------|------------|------------|--------------------------|
| Plain Paper           | 60-105 g/m <sup>2</sup>  | 150 sheets | 550 sheets | Yes                      |
| Recycled Paper        | 60-105 g/m <sup>2</sup>  | 150 sheets | 550 sheets |                          |
| Thick Paper 1         | 106-159 g/m <sup>2</sup> | 60 sheets  | 160 sheets |                          |
| Thick Paper 2         | 160-216 g/m <sup>2</sup> | 60 sheets  | 160 sheets |                          |
| OHP Film Transparency | -                        | 100 sheets | 100 sheets | No                       |
| Post Cards            | -                        | 55 sheets  | 200 sheets |                          |
| Labels                | -                        | 100 sheets | 290 sheets |                          |
| Banner Paper          | 127-210 g/m <sup>2</sup> | 1 sheet    | -          |                          |
| Envelope              | -                        | 15 sheets  | 80 sheets  |                          |

## Media Type Specification for pagepro 5650EN & bizhub 40P/X

### Standard Tray Capacity and Supported Media

| Media Type            | Weight                   | Tray 1     | Tray 2     | Auto Duplex <sup>1</sup> |
|-----------------------|--------------------------|------------|------------|--------------------------|
| Plain Paper           | 68-105 g/m <sup>2</sup>  | 150 sheets | 550 sheets | Yes                      |
| Recycled Paper        | 68-105 g/m <sup>2</sup>  | 150 sheets | 550 sheets |                          |
| Thick Paper 1         | 106-159 g/m <sup>2</sup> | 60 sheets  | 160 sheets |                          |
| Thick Paper 2         | 160-216 g/m <sup>2</sup> | 60 sheets  | 160 sheets |                          |
| Thick Paper 3         | 106-216 g/m <sup>2</sup> | 60 sheets  | 160 sheets |                          |
| Thin Paper            | 64-67 g/m <sup>2</sup>   | Supported  | Supported  |                          |
| OHP Film Transparency | -                        | 100 sheets | 100 sheets | No                       |
| Post Cards            | -                        | 55 sheets  | 200 sheets |                          |
| Labels                | -                        | 100 sheets | 290 sheets |                          |
| Banner Paper          | 127-210 g/m <sup>2</sup> | 1 sheet    | -          |                          |
| Envelope              | -                        | 15 sheets  | 80 sheets  |                          |

### Important Notes:

1: Only if duplex option is installed.



## Recommended Media for PagePro 9100N

| Manufacturer        | Brand                  | KM Item Number <sup>1</sup> | Type / Item Number     | Size   | Paper Weight                        | Paper Input Location        | Printer Setting | Auto Duplex |
|---------------------|------------------------|-----------------------------|------------------------|--------|-------------------------------------|-----------------------------|-----------------|-------------|
| <b>Plain paper</b>  |                        |                             |                        |        |                                     |                             |                 |             |
| International Paper | Hammermill Laser Print | n/a                         | 10460-4                | Letter | 24 lb. Bond (90 g/m <sup>2</sup> )  | Multipurpose, Standard Tray | Plain Paper     | Yes         |
| Xerox               | 4024 DP                | n/a                         | 3R727                  | Letter | 24 lb. Bond (90 g/m <sup>2</sup> )  | Multipurpose, Standard Tray | Plain Paper     | Yes         |
| <b>Thick Stock</b>  |                        |                             |                        |        |                                     |                             |                 |             |
| Xerox               | 65 lb. Cover Stock     | n/a                         | 3R3041                 | Letter | 65 lb. Bond (175 g/m <sup>2</sup> ) | Multipurpose, Standard Tray | Thick           | Yes         |
| <b>Envelopes</b>    |                        |                             |                        |        |                                     |                             |                 |             |
| Columbian           | Recycled               | n/a                         | COR02                  | #10    | 24 lb.                              | Multipurpose                | Envelope        | No          |
| Columbian           | Laser Quality          | n/a                         | CO130                  | #10    | 24 lb.                              | Multipurpose                | Envelope        | No          |
| <b>Transparency</b> |                        |                             |                        |        |                                     |                             |                 |             |
| Konica Minolta      | Q-Media                | 1710463-001                 | Transparency 50 sheets | Letter | -                                   | Manual Feed                 | Trans.          | No          |
| Konica Minolta      | Q-Media                | 1710463-002                 | Transparency 5 sheets  | Letter | -                                   | Manual Feed                 | Trans.          | No          |
| <b>Labels</b>       |                        |                             |                        |        |                                     |                             |                 |             |
| Avery               | Laser                  | n/a                         | Mailing Labels 5260    | Letter | 0.16 mm                             | Multipurpose                | Label           | No          |

<sup>1</sup>= If item number is present, please contact Konica Minolta to order media.

n/a = Not available through Konica Minolta, contact manufacturer.

## Media Type Specification for PagePro 9100N

| Media Type   | Specifications                                 | Setting     |
|--------------|------------------------------------------------|-------------|
| Normal paper | 16 - 24 lb. Bond (60 - 90 g/m <sup>2</sup> )   | Plain Paper |
| Thick Stock  | 24 - 90 lb. Index (90 - 163 g/m <sup>2</sup> ) | Thick Paper |

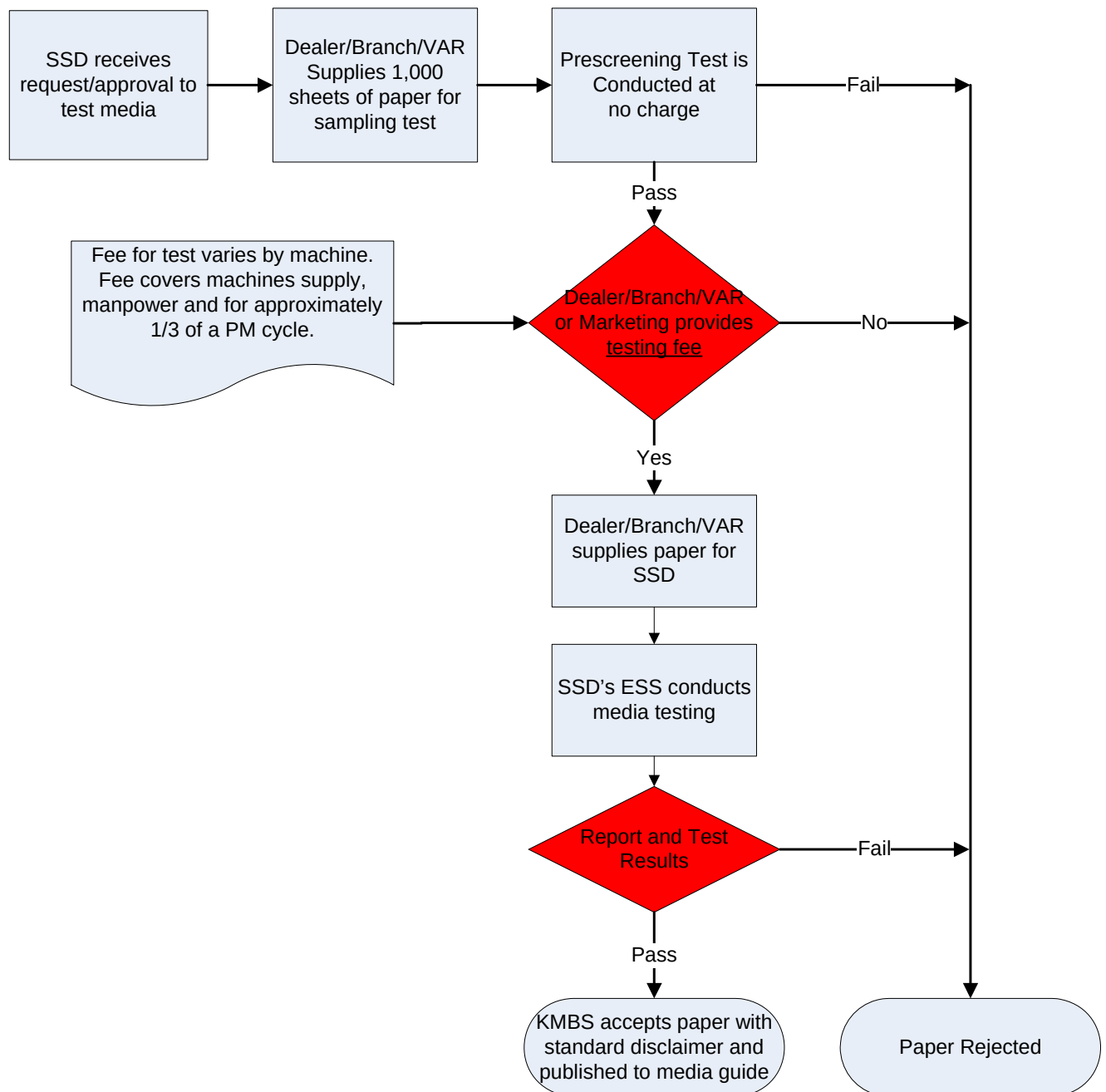


### Media Testing and Support

Konica Minolta Business Solutions U.S.A. will conduct media testing for MFP and Printer products at a cost to the dealer, branch or VAR.

#### **How to request media testing:**

Talk to your technical support manager to place a service ticket with Technical Support/SSD to start the process.





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## References

These references were used to create this guide:

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- bizhub 500, 420, 360, Version 7
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- bizhub C353, C253, C203 Version 6
- bizhub C650, Version 4

#### Field Service Guides:

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#### Printer Tech Guides:

- magicolor 4650EN, December 2007
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### **Legacy Konica Minolta Printing Solutions, U.S.A.,**

#### Approved Media Lists:

- magicolor 2480MF/2590MF, July 2007
- magicolor 24xx, 25xx series, July 2007
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- magicolor 7450, May 2007
- pagepro 1380MF
- pagepro 1390MF
- pagepro 9100N, February 2003

#### Printer Tech Guides:

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- magicolor 2500W/2530DL
- magicolor 2550EN/DN
- magicolor 7450
- pagepro 1300MF Series

**International Paper Knowledge Center**, *Print Preparation > Paper > Characteristics*,  
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**KONICA MINOLTA**

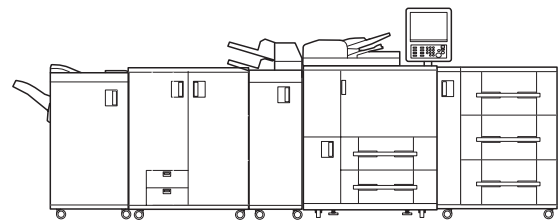
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# Customer Expectation Setting

## Konica Minolta bizhub PRO 1050



### Machine Reliability

|                         |                            |
|-------------------------|----------------------------|
| Standard Monthly Volume | 300k - 500k                |
| Maximum Monthly Volume  | 1.5 Million                |
| PM Cycle                | 750,000                    |
| Duty Cycle              | 75k/day or 1.5 Million/mo. |
| Machine Life            | 40 Million or 7 Years      |

### Duty Cycle

Maximum monthly copy/print volume supported under standard vendor supplied service. Defines the upper end of the expected customer volume for the device. Customers should consider multiple machines if average monthly volume approaches duty cycle on a continual basis.

### Consumable Specifications and Yields

|           |                           |
|-----------|---------------------------|
| Toner     | 160k/Letter @ 6% coverage |
| Developer | 1 Million/Letter          |
| Drum      | 1 Million/Letter          |

### Supplies

| Consumable       | Part No. | # per box | Yield     |
|------------------|----------|-----------|-----------|
| Toner            | O2UJ     | 1         | 80k       |
| Developer        | O2UK     | 1         | 1 Million |
| Drum             | O2UL     | 1         | 1 Million |
| Staples (FS-503) | 14EJ     | 3         | 15k       |

Note1: Expected toner yield is measured at 6% coverage. Yield will vary depending on area coverage, the density setting and paper type.

Note 2: The bizhub Pro 1050 provides a two hopper reserve system for the toner. Expected toner yield is 80k for Letter size documents at 6% coverage per toner bottle.

### Environmental Requirements

|                                    |                      |
|------------------------------------|----------------------|
| Temperature                        | 10C-30C (50F to 86F) |
| Humidity                           | 10%RH to 80%RH       |
| Noise while engine under operation | < 80dBA              |
| Noise while feeder under operation | 84dBA                |
| Ozone emission                     | < 8mg/h              |
| Fusing Range                       | 145C-175C            |

### Electrical Requirements

|               |           |                                                                                                                        |
|---------------|-----------|------------------------------------------------------------------------------------------------------------------------|
| Line Options  | Dedicated | <b>NEMA Diagram for 6-20R</b><br> |
| Voltage       | 208V-240V |                                                                                                                        |
| Amperage      | 17.6      |                                                                                                                        |
| Cycles        | 60Hz      |                                                                                                                        |
| NEMA Part No. | 6-20R     |                                                                                                                        |
| Cord Length   | 9' 6"     |                                                                                                                        |

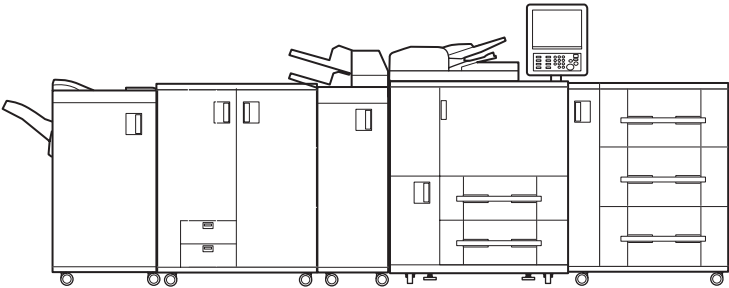
Note: The main electrical outlet must be located within 9 feet from the right rear corner of the bizHub Pro 1050 main unit.

I have reviewed and understand the Customer Expectation document and acknowledge that I am responsible for assuring my site meets the space, electrical and network requirements for installation at time of delivery.

Signature

Date

## Configured Equipment Layout



### Component Definition

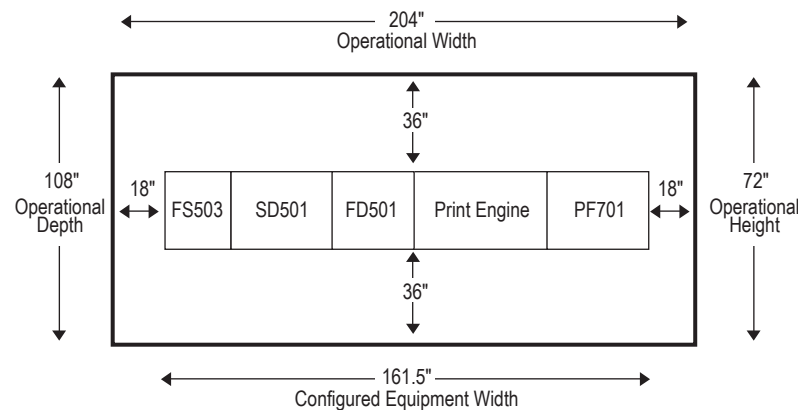
- Main Unit with Integrated Print Controller
- DF-603 - Document Feeder
- PF-701 - Large Capacity Paper Feed Unit
- FD-501 - Punch and Multi Folding Finisher
- SD-501 - Saddle-Stitching Finisher
- FS-503 - Simple Staple Finisher

### Component Specifications

| Component | Width | Height | Depth | Weight (lbs.) |
|-----------|-------|--------|-------|---------------|
| Main Unit | 36"   | 41"    | 26"   | 683.5         |
| DF603     | 25.5" | 7"     | 26"   | 48            |
| PF701     | 32.5" | 41"    | 26.5" | 309           |
| FD501     | 16"   | 49"    | 26"   | 287           |
| SD501     | 46"   | 41"    | 28"   | TBD           |
| FS503     | 31"   | 41"    | 26"   | 176.5         |

Note : The dimensions shown above are in inches, the weights are in lbs.

### Space Requirement for Operation



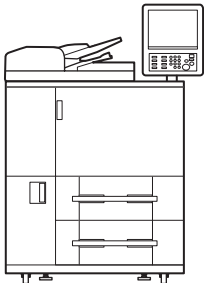
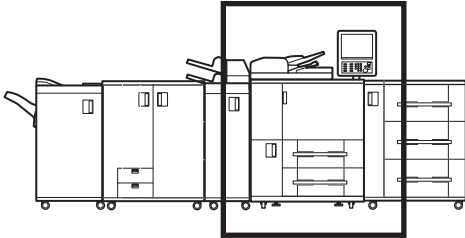
• The Print Engine is approximately 31 inches wide and 26 inches deep.

• There must be at least 72 inches of vertical clearance from floor to the nearest overhead obstruction.

Note 1: The dimensions shown are in inches and reflect space requirements for a fully-configured bizhub Pro 1050.

Note 2: The dimensions provided are absolute minimums.

## Component Considerations

| Main Unit | Component                                                                         | Configuration                                                                      | Specifications                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                            |
|-----------|-----------------------------------------------------------------------------------|------------------------------------------------------------------------------------|-------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
|           |  |  | <p><b>Magnification:</b> 25-400% in .1% increments<br/>           4 preset reductions: 50%, 65%, 77%, 93%<br/>           4 preset enlargements: 121%, 129%, 155%, 200%</p> <p><b>Imaging Speeds</b> (prints per minute)<br/>           Letter: 105 (simplex), 52 (duplex)<br/>           Legal: 70 (simplex), 34 (duplex)<br/>           Tabloid: 59 (simplex), 29 (duplex)<br/>           12x18: 56 (simplex), 26 (duplex)</p> <p><b>Auto Duplexing</b><br/>           Sizes: 4x5.5 to 12.75x18.11<br/>           Weights: 60-244gsm</p> |
|           | <input type="checkbox"/> Main Unit<br><input type="checkbox"/> DF-603 Doc Feeder  | <b>Main Unit - bizhub Pro 1050 and Reverse Auto Document Feeder</b>                |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                           |

**DF603 Reverse Auto Document Feeder**  
 Input original size: from 5x5.5 to 11x17  
 Holds up to 100 originals (20lb index)  
 Feeds 13-34 lb bond (duplex feed)  
 Feeds up to 53lb bond, up to 110lb index (simplex feed)  
 Mixed originals supported

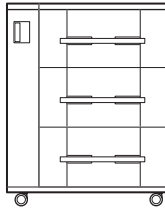
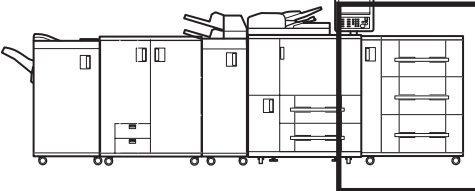
## Mixed Original Support

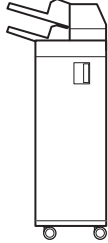
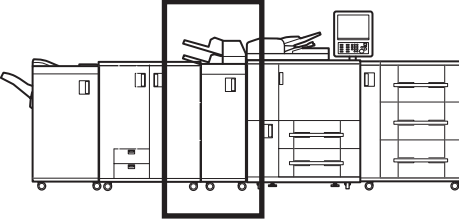
| Other Originals in Set |           | Reference Original (Original with Max. Width) |                 |             |             |             |             |
|------------------------|-----------|-----------------------------------------------|-----------------|-------------|-------------|-------------|-------------|
|                        |           | Tabloid                                       | Letter          | Legal       | Letter R    | Statement   | Statement R |
|                        | Tabloid   | Single Size                                   | Same Size       | X           | X           | X           | X           |
|                        | Letter    | Same Size                                     | Single Size     | X           | X           | X           | X           |
|                        | Legal     | Mixed Originals                               | Mixed Originals | Single Size | Same Size   | Same Size   | X           |
|                        | Letter R  | Mixed Originals                               | Mixed Originals | Same Size   | Single Size | Same Size   | X           |
|                        | Statement | Mixed Originals                               | Mixed Originals | Same Size   | Same Size   | Single Size | X           |
|                        | Stmnt R   | X                                             | X               | X           | X           | X           | Single Size |

## Standard Paper Tray Support

### Main Unit - bizhub Pro 1050 (Paper Tray 1 and 2)

| Component | Capacity    | Size                | Weight       |
|-----------|-------------|---------------------|--------------|
| Tray 1    | 1500 sheets | adjustable to 12x18 | 60 - 244 gsm |
| Tray 2    | 1500 sheets | adjustable to 12x18 | 60 - 244 gsm |

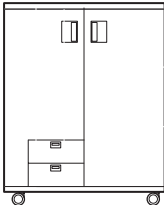
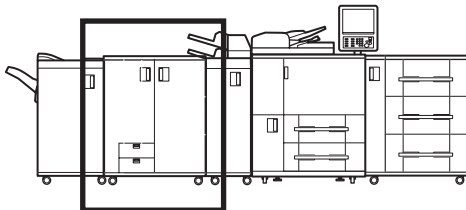
| PF-701                                                                                     | Component                                                                         | Configuration                                                                      | Specifications    |                       |
|--------------------------------------------------------------------------------------------|-----------------------------------------------------------------------------------|------------------------------------------------------------------------------------|-------------------|-----------------------|
|                                                                                            |  |  | PF - 701 (Tray 3) |                       |
|                                                                                            |                                                                                   |                                                                                    | Capacity:         | 2000 sheets           |
|                                                                                            |                                                                                   |                                                                                    | Sizes:            | Adjustable to 12 x 18 |
|                                                                                            | Weights:                                                                          |                                                                                    | 60 - 244 gsm      |                       |
|                                                                                            | PF - 701 (Tray 4)                                                                 |                                                                                    |                   |                       |
|                                                                                            | Capacity:                                                                         |                                                                                    | 2000 sheets       |                       |
| Sizes:                                                                                     | Adjustable to 12 x 18                                                             |                                                                                    |                   |                       |
| Weights:                                                                                   | 60 - 300 gsm                                                                      |                                                                                    |                   |                       |
| PF - 701 (Tray 5)                                                                          |                                                                                   |                                                                                    |                   |                       |
| Capacity:                                                                                  | 2000 sheets                                                                       |                                                                                    |                   |                       |
| Sizes:                                                                                     | Adjustable to 12 x 18                                                             |                                                                                    |                   |                       |
| Weights:                                                                                   | 60 - 244 gsm                                                                      |                                                                                    |                   |                       |
|  PF - 701 | Large Capacity Paper Feed Unit                                                    |                                                                                    |                   |                       |

| FD-501   | Component                                                                          | Configuration                                                                       | Specifications                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                               |
|----------|------------------------------------------------------------------------------------|-------------------------------------------------------------------------------------|--------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
|          |  |  | <p><b>Folding Options:</b> See chart below</p> <p><b>Punching Options:</b></p> <p>Weight: up to 209 gsm</p> <p>Capacity: punch on stock from Trays, Tabs, and Post-Inserters</p> <p><b>Waste Capacity:</b> holds particles from 10,000 punches</p> <p><b>Punch Adjustments/Specs:</b></p> <ul style="list-style-type: none"> <li>• 2 holes (4.252" from edge)</li> <li>• 3 holes (2.756" from middle)</li> <li>• Accuracy to .2mm • Adjustable to +/- 4mm</li> </ul> <p><b>Post-Processing Inserters (Two Trays):</b></p> <p>Capacity: 500 sheets each (20lb)</p> <p>Size: insertion of paper from Statement to 12 x 18</p> <p>Weight: up to 300 gsm</p> <ul style="list-style-type: none"> <li>• Supports Stapling/Punching of inserts</li> <li>• Inserts must be of same size as content sheets</li> </ul> |
| FD - 501 |                                                                                    | Punch and Multi Folding Finisher                                                    |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                              |

FD 501 - Punch and Multi Folding Finisher (Stacks up to 30 sheets)

| Sheets  | Folding                       | Sizes                    | Weight        |
|---------|-------------------------------|--------------------------|---------------|
| 1 Sheet | Half Fold                     | Letter R, Legal, Tabloid | up to 130 gsm |
| 1 Sheet | Letter Fold In / Out          | Letter R, Legal, Tabloid | up to 130 gsm |
| 1 Sheet | Z-Fold                        | Legal, Tabloid           | up to 130 gsm |
| 1 Sheet | Zigzag Fold                   | Letter R, Legal, Tabloid | up to 130 gsm |
| 1 Sheet | Gate Fold In / Out            | Letter R, Legal, Tabloid | up to 90 gsm  |
| 1 Sheet | Double Parallel Fold In / Out | Letter R, Legal, Tabloid | up to 90 gsm  |

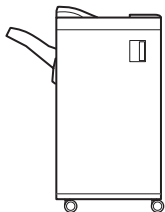
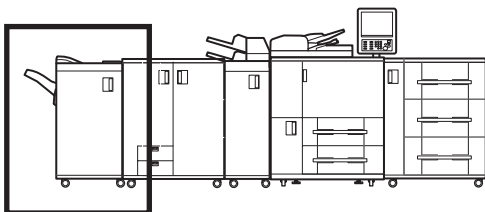
## SD-501

| Component                                                                         | Configuration                                                                      | Specifications                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 |
|-----------------------------------------------------------------------------------|------------------------------------------------------------------------------------|------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
|  |  | <p><b>Variable length stitching</b><br/>Size: up to 12 x 18</p> <p><b>Trimming</b><br/>Size: up to 12 x 18<br/>Weight: up to 244 gsm<br/>Capacity: up to 50 sheets of 24lb bond</p> <p><b>Multisheet Folder (Center Fold)</b><br/>Size: LetterR to 12 x 18<br/>Capacity: up to 5 sheets of 80 gsm<br/>Stack Capacity: 30 sets</p> <p><b>Multisheet Folder (Letter Fold)</b><br/>Size: Letter R<br/>Weight: up to 91 gsm<br/>Capacity: up to 5 sheets of 80 gsm<br/>Stack Capacity: 30 sets</p> |
| <input type="checkbox"/> SD - 501                                                 | <b>Saddle-Stitching Finisher</b>                                                   |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                |

**SD 501 - Saddle-Stitching Finisher (Finishing and Stacking Capacities)**  
Up to 12 x 18 size paper

| Max Sheets Supported | # Page Booklet   | Weight        | Max # of Sets Stacked |
|----------------------|------------------|---------------|-----------------------|
| 50 Sheets            | 200 Page Booklet | up to 91 gsm  | up to 20 sets         |
| 20 Sheets            | 80 Page Booklet  | up to 130 gsm | up to 20 sets         |
| 15 Sheets            | 60 Page Booklet  | up to 161 gsm | up to 20 sets         |
| 10 Sheets            | 40 Page Booklet  | up to 209 gsm | up to 20 sets         |
| 5 Sheets             | 20 Page Booklet  | up to 244 gsm | up to 20 sets         |

## FS-503

| Component                                                                           | Configuration                                                                        | Specifications                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                |
|-------------------------------------------------------------------------------------|--------------------------------------------------------------------------------------|-----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
|  |  | <p><b>Stapling Capacities:</b> up to 24lb bond (100 sheets)<br/>up to 34lb bond (50 sheets)<br/>up to 43lb bond (40 sheets)<br/>up to 65lb bond (25 sheets)</p> <p><b>Sizes:</b> Statement to 12 x 18</p> <p><b>Staple Positions:</b> Corner left and right,<br/>Double left and right</p> <p><b>Stacking Capacities - Main Tray (20lb index):</b><br/>Letter: 3000 sheets<br/>Legal: 1500 sheets<br/>Tabloid: 1500 sheets<br/>12x18: 1500 sheets<br/>Statement: 500 sheets</p> <p><b>Stacking Capacities - Sub Tray Tray:</b> 200 sheets</p> |
| <input type="checkbox"/> FS - 503                                                   | <b>Stapling Finisher</b>                                                             |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                               |

**FS - 503 Stapling Finisher (Stacking Capacities for Stapled Sets)**

| Sheets in Stapled Set       | Capacity in Stacked Sets |
|-----------------------------|--------------------------|
| 2 - 9 Sheets in Set         | 150 Sets in Main Tray    |
| less than 20 Sheets in Set  | 50 Sets in Main Tray     |
| less than 30 Sheets in Set  | 30 Sets in Main Tray     |
| less than 50 Sheets in Set  | 20 Sets in Main Tray     |
| less than 100 Sheets in Set | 10 Sets in Main Tray     |



## Standard Print Controller Specifications

**Type:** Built-in box type for the KONICA MINOLTA Printer/Copier

**CPU:** Pentium III Tualatin 933 MHz

**System Memory:** 256 MB (Standard)  
Expandable up to 512 MB

**Host Interface:** Parallel port Centronics  
(IEEE 1284 / amphenol 36 pin male connector)

**Hard Disk Drive:** EIDE drive 40 GB or more

### Print Controller Options

- **PS-502 kit (Postscript Level 3)**
- **EM-701 (256 Mb Memory)**

## Network Functions

**Network Interface:** Ethernet (100Base-TX / 10Base-T)

**Frame Type:** IEEE 802.3

**Ethernet Connection:** 100Base-TX / 10Base-T

**Network Connector:** RJ-45

**Printer Description Language:**

PCL (TIFF/PDF)

PostScript3 (TIFF/PDF) (Option)

**Built-in fonts:** Agfa Microtype fonts

**Adobe PostScript Fonts:** (optional PS3 kit required)

**Supported Operating Systems:**

- Windows 98/Me
- Windows NT 4.0 (NT Service Pack 3 or more)
- Windows 2000
- Windows XP
- Mac OS 8.x - 9.x (optional PS3 kit required)
- Mac OS X v10.2/v10.3 (optional PS3 kit required)

## Printer Driver:

Printer driver for Windows 98/Me/NT 4.0/2000/XP

PS printer driver for Windows (optional PS3 kit required)

PS printer driver for Windows/Macintosh (optional PS3 kit required)

### Protocols:

TCP/IP, IPX/SPX, NetBEUI, IPP, EtherTalk

Compliant OS (NOS): Novell NetWare (3.x, 4.x-6), Windows 95/98/Me, Windows NT 4.0, Windows 2000, Windows XP, Mac OS 8.x - 9.x, Mac OS X v10.2/v10.3

**Multiple Protocols:** Automatic selection

## Print Specifications

**Maximum Paper Size:** 12.75 x 18.11

**Print Range:** 1 to 9999

**Continuous Print Speed:** 105ppm (A4/Letter) at 600 x 600dpi

**Printing Resolution:** 600 x 600 dpi

**Printable Area:**

**PCLXL:** 2.54mm (left, right, top and bottom without variation)

**PCL5e:** 4.23mm (left, right, top and bottom without variation)

**PostScript:** 2.84mm (left, right, top and bottom without variation)

### Printing Methods

- Peer-to-Peer (TCP/IP for Windows 95/98/Me)
- Pserver (IPX/SPX)
- lpd/lpr (TCP/IP for Windows NT 4.0/2000)
- lpd/lpr (TCP/IP for UNIX)
- AppleTalk (EtherTalk)
- NPrinter/RPrinter (IPX/SPX)
- Port9100(TCP/IP)

**Dedicated Utilities:** Peer to Peer Printing Tool

## Scanning Specifications

**Scanning Resolution:** 200dpi / 300dpi / 400dpi / 600dpi

**Scanning Methods:**

- Scan-HDD
- Scan-User Box (HDD)
- Scan-Email
- Scan-FTP
- Scan-SMB

**Scanning File Formats:**

- Single page TIFF
- Multi page TIFF
- Single page PDF
- Multi page PDF

### Scan Destinations

At maximum, 100 groups can be registered.

Note: For E-Mail/FTP/HDD/SMB, destinations can be registered as many as 500 in sum. Enter an E-Mail address within 250 characters in alphanumeric characters and signs. If you do not input a Name, the first 24 characters of an E-Mail address are displayed on the Select.

### Store Function

At maximum, 1000 Personal Folders can be registered.

At maximum, 1000 Boxes can be registered.

## PageScope Web Connection Requirements

Microsoft Internet Explorer 6 (recommended)

Microsoft Internet Explorer 5.x, in which MSXML3 must be installed <sup>(\*)</sup>

Netscape Navigator 7.02 or higher

Macintosh Mac OS 8.x, 9.x, X Netscape Navigator 7.02 or higher

Linux Netscape Navigator 7.02 or higher

<sup>(\*)</sup> Download MSXML3.0 from Microsoft Download Center and install it on your system.

## Paper Considerations

### Paper Size Conversion Chart

| Paper       | Letter   | Letter R | Legal    | Tabloid | Statement | Statement R |
|-------------|----------|----------|----------|---------|-----------|-------------|
| Measurement | 8.5 x 11 | 11 x 8.5 | 8.5 x 14 | 11 x 17 | 5.5 x 8.5 | 8.5 x 5.5   |

Note: Measurements are in inches.

### Paper Weight Conversion Chart

| gsm    | Bond | Offset | Cover | Tag | Index | Point | Bristol | Caliper |       |
|--------|------|--------|-------|-----|-------|-------|---------|---------|-------|
|        |      |        |       |     |       |       |         | inches  | mm    |
| 60.2   | 16   | 40     | 22    | 37  | 33    | 3.2   | 27.4    | 0.0032  | 0.081 |
| 67.72  | 18   | 45     | 24    | 41  | 37    | 3.6   | 30.9    | 0.0036  | 0.092 |
| 75.2   | 20   | 50     | 28    | 46  | 42    | 3.8   | 34.3    | 0.0038  | 0.097 |
| 90.3   | 24   | 60     | 33    | 56  | 50    | 4.8   | 41.2    | 0.0048  | 0.12  |
| 105.35 | 28   | 70     | 39    | 64  | 58    | 5.8   | 48.1    | 0.0058  | 0.147 |
| 109.11 | 29   | 73     | 40    | 62  | 60    | 6     | 49.8    | 0.006   | 0.152 |
| 116.63 | 31   | 81     | 45    | 73  | 66    | 6.1   | 53.2    | 0.0061  | 0.155 |
| 131.68 | 35   | 90     | 48    | 80  | 74    | 6.2   | 60.1    | 0.0062  | 0.157 |
| 135.45 | 36   | 90     | 50    | 82  | 75    | 6.8   | 61.8    | 0.0068  | 0.173 |
| 146.73 | 39   | 100    | 54    | 90  | 81    | 7.2   | 67      | 0.0072  | 0.183 |
| 150.5  | 40   | 100    | 56    | 93  | 83    | 7.3   | 68.7    | 0.0073  | 0.185 |
| 161.78 | 43   | 110    | 60    | 100 | 90    | 7.4   | 73.8    | 0.0074  | 0.188 |
| 165.55 | 44   | 110    | 61    | 102 | 92    | 7.6   | 75.5    | 0.0076  | 0.193 |
| 176.83 | 47   | 120    | 65    | 108 | 97    | 8     | 80.7    | 0.0078  | 0.198 |
| 199.41 | 53   | 135    | 74    | 122 | 110   | 9     | 91      | 0.0085  | 0.216 |
| 203.17 | 54   | 137    | 75    | 125 | 113   | 9     | 92.7    | 0.009   | 0.229 |
| 218.22 | 58   | 146    | 80    | 134 | 120   | 9.5   | 99.6    | 0.0092  | 0.234 |
| 244.56 | 65   | 165    | 90    | 150 | 135   | 10    | 111.6   | 0.0095  | 0.241 |
| 252.08 | 67   | 170    | 93    | 156 | 140   | 10.5  | 115.1   | 0.01    | 0.25  |
| 270.9  | 72   | 183    | 100   | 166 | 150   | 11    | 123.7   | 0.011   | 0.289 |
| 285.95 | 76   | 192    | 105   | 175 | 158   | 13    | 130.5   | 0.013   | 0.33  |
| 308.52 | 82   | 208    | 114   | 189 | 170   | 14    | 140.8   | 0.014   | 0.356 |
| 312    | 87   | 220    | 120   | 200 | 180   | 15    | 142.4   | 0.015   | 0.38  |
| 385.06 | 105  | 267    | 146   | 244 | 220   | 18    | 175.8   | 0.0175  | 0.445 |

## Paper Type Specifications

### Coated A

The coated paper is an art paper or coated paper, applied with coating on top of both side of fine paper. The coated paper is mostly used for luxury art books, calendars, car brochures, books, magazines, leaflets, and posters. Always specify [Coated A] to a tray to which the coated paper is loaded.

### Coated B

Specify [Coated B] when overlay printing on the offset printed coated paper. If a trouble occurs in feeding the coated paper when [Coated A] is specified, select [Coated B].

### Fine

The Fine paper is a non-coated paper generally used for offset printing. The fine paper has a high degree of whiteness and used for various purposes. Specify [Fine] to a tray to which the fine paper is loaded.

### Normal

The Normal paper is used for copying in general and is called "PPC paper." The normal paper is usually not a recycled paper. Specify [Normal] to the tray to which the normal paper or the recycled paper for copying is loaded.

## Paper Type Specifications Continued...

### Book/News

The Book/News paper is used for a body part of a book. It is a highly opaque paper to prevent prints to be seen from the back, or a cream-colored paper for ease of reading. Specify [Book/News] to a tray to which this type of paper is loaded.

### Embossed

The Embossed paper has a non-smooth surface on which a toner is hard to be fixed. Specify [Embossed] to a tray to which this type of paper is loaded.

## Recommended Paper Stocks

| Classification | Weight  | Brand of Paper                                   |
|----------------|---------|--------------------------------------------------|
| Plain Paper    | 80 gsm  | Konica Minolta Bond Paper                        |
| Plain Paper    | 75 gsm  | Hammermill Tidal MP                              |
| Thin Paper     | 60 gsm  | Domtar 16lb Bond Paper                           |
| Thin Paper     | 60 gsm  | Clair Mail Bond Paper                            |
| Thick Paper    | 160 gsm | RDEREY160                                        |
| Thick Paper    | 160 gsm | Xerox 3R91798                                    |
| Thick Paper    | 176 gsm | Hammermill 65lb Cover                            |
| Thick Paper    | 176 gsm | Xerox Digital Laser 65 lb Cover                  |
| Thick Paper    | 176 gsm | Domtar Cdor 65lb Cover                           |
| Thick Paper    | 176 gsm | COUGARCover 65 lb                                |
| Thick Paper    | 200 gsm | RDEREY200                                        |
| Thick Paper    | 200 gsm | NEUCOLORCOPY                                     |
| Thick Paper    | 200 gsm | XeroxColotech                                    |
| Label Paper    | ---     | AVERY 5160                                       |
| Label Paper    | ---     | AVERY DSP24                                      |
| Coated Paper   | 183 gsm | KROMEKOTE PLUSLASER HIGH GLOSS (Smart Paper Co.) |
| Coated Paper   | 105 gsm | Futural Laser (Stora Enso Paper Co.)             |

### Blank Insert

Blank Insert is not a category of the paper type. This is only fed without being printed. When the Cover With Blank Sheet, Blank Insert, or OHP interleave blank function is used, specify [Blank Insert] to a tray to which a paper already printed and not copied by this machine is loaded, or a blank paper only to be fed is loaded.

### User

When a paper type other than that of which can be specified on this machine is used, use this function. For the details, contact your service representative.

### OHP

Specify [OHP] to a tray to which transparent films are loaded.

I have reviewed and understand the Customer Expectation document and acknowledge that I am responsible for assuring my site meets the space, electrical and network requirements for installation at time of delivery.

Signature

Date

**bizhub PRO 1050 Paper Guide**  
**Phase 2 Supplement to launch**

| Type           | Company             | Product Name                          | Weight Rating | Weight GSM | Category Setting | Weight Setting | Paper Size                           |
|----------------|---------------------|---------------------------------------|---------------|------------|------------------|----------------|--------------------------------------|
| Normal paper   | International Paper | Hammermill Tidal MP                   | 20lb          | 78.1       | Normal           | 72~91          | 8.5x11<br>8.5x11R<br>8.5x14<br>11x17 |
|                |                     | Hammermill Fore MP                    | 20lb          | 78.1       | Normal           | 72~91          | 8.5x11<br>8.5x11R<br>8.5x14<br>11x17 |
|                | Xerox               | Premium Multipurpose 4024             | 20lb          | 79.7       | Normal           | 72~91          | 8.5x11<br>8.5x11R<br>8.5x14<br>11x17 |
|                |                     | Digital Laser Opaque                  | 18lb          | 68.7       | Normal           | 62~71          | 8.5x11<br>11x17                      |
|                |                     | Digital Laser Opaque                  | 20lb          | 75.6       | Normal           | 72~91          | 8.5x11<br>8.5x11R<br>11x17           |
|                |                     | Digital Laser Opaque                  | 24lb          | 90.9       | Normal           | 72~91          | 8.5x11<br>11x17                      |
|                |                     | Digital Laser Opaque                  | 24lb          | 90.9       | Normal           | 72~91          | 8.5x11<br>11x17                      |
| Recycled paper | International Paper | Hammermill Bond                       | 20lb          | 75.3       | Normal           | 72~91          | 8.5x11R<br>11x17                     |
|                |                     | Great white multiuse 20               | 20lb          | 80.6       | Normal           | 72~91          | 8.5x11<br>8.5x11R<br>8.5x14          |
|                | Xerox               | Recycle paper                         | 20lb          | NA         | Normal           | 72~91          | 8.5x11<br>8.5x11R<br>11x17           |
|                | Weyerhaeuser        | Recycled 75                           | 20lb          | 76.3       | Normal           | 72~91          | 8.5x11<br>8.5x11R<br>11x17           |
| Gloss          | Smart               | Kromekote laser high gloss 2S Cover   | 10pt          | 234        | High Quality     | 210~244        | 8.5x11<br>8.5x11R                    |
|                |                     | Kromekote laser High gloss 1S Cover   | 12pt          | 247        | High Quality     | 245~300        | 8.5x11<br>8.5x11R                    |
|                | International Paper | Carolina C2S Cover                    | 10 pt         | 261        | High Quality     | 245~300        | 8.5x11<br>8.5x11R                    |
|                |                     | Carolina C1S Cover                    | 10pt          | 244        | High Quality     | 245~300        | 8.5x11<br>8.5x11R                    |
| Cover          | SMART               | Carnival Smooth Cover                 | 80lb          | 215.9      | Book             | 210~244        | 8.5x11<br>8.5x11R<br>11x17           |
|                | Domtar              | Cover Super Smooth                    | 65lb          | 176        | High Quality     | 162~209        | 8.5x11                               |
|                |                     | Microprint Color Copy Cover           | 60lb          | 162        | High Quality     | 162~209        | 8.5x11<br>8.5x11R<br>11x17           |
|                | Xerox               | Premium Multipurpose 4024 Cover       | 65lb          | 176        | Normal           | 162~209        | 8.5x11<br>8.5x11R                    |
|                |                     | Premium Multipurpose 4024 Cover       | 80lb          | 214.4      | Book             | 210~216        | 8.5x11<br>8.5x11R                    |
| Index          | Xerox               | Premium Multipurpose 4024 Index stock | 90lb          | 163.5      | Normal           | 162~209        | 8.5x11<br>8.5x11R                    |
|                | International Paper | Springhill Index                      | 140lb         | 249.6      | Book             | 245~300        | 8.5x11<br>8.5x11R                    |
| Tab            | Avery               | 7103- 5 tab                           |               | 159.8      | Normal           | 131~161        | 8.5x11                               |
| Transparency   | 3M                  | CG3300                                | OHT           |            | Normal           | 72~91          | 8.5X11                               |



KONICA MINOLTA

**bizhub** PRO 

# **Konica Minolta bizhub PRO C6500**

## **Substrate Throughput Assurance Guide**



The essentials of imaging

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As an aid to end-users of Konica Minolta's bizhub PRO C6500, 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 6500 to function properly. Please check [www.mykonicaminolta.com](http://www.mykonicaminolta.com) for the latest Konica Minolta bizhub PRO C6500 Media Guide.

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## bizhub PRO C6500 Substrate Throughput Assurance Guide

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**E**ach paper tray on the bizhub PRO C6500 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 C6500 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

# bizhub PRO C6500 Substrate Throughput Assurance Guide

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## PAPER NAME

Name the paper using a maximum of 22 characters

## WEIGHT

Select one of the eight settings:

- 64–74 gsm
- 75– 80 gsm
- 81–105 gsm
- 106–135 gsm
- 136–162–gsm
- 163–209 gsm
- 210–256 gsm)
- 257–300 gsm

## ADDITIONAL HELPFUL INFORMATION

Normal Paper is classified as 60–105 gsm

Thick Paper is classified as 91–300gsm

### Sample copy speeds of 80 gsm paper single-sided based on sheet size

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65 sheets/minute (8.5" x 11")

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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")

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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 C6500 GUI ( Graphic User Interface) instructional graphics can be found in the Copy and POD Product User Guides.



# bizhub PRO C6500 Substrate Throughput Assurance Guide

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

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

 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.

# bizhub PRO C6500 Substrate Throughput Assurance Guide

## BIZHUB PRO C6500 OFFICIALLY APPROVED PAPER STOCKS

| Bond                                             | Weight          | PAPER SIZE |          |          |            |         |               |
|--------------------------------------------------|-----------------|------------|----------|----------|------------|---------|---------------|
|                                                  |                 | 11"x17"    | 8.5"x14" | 8.5"x11" | 5.5"x 8.5" | 12"x18" | 12.38"x18.12" |
| Hammermill Tidal                                 | 75 gsm          | ●          | ●        | ●        | ●          |         |               |
| Hammermill Color Copy Photo White                | 28 lb./105 gsm  | ●          | ●        | ●        |            | ●       |               |
| Domtar Microprint Color Copy                     | 28 lb./105 gsm  | ●          |          | ●        |            |         |               |
| Gilbert Neutech Color Copy                       | 28 lb./105 gsm  | ●          | ●        | ●        |            |         |               |
| Spectrum Multi System                            | 24 lb./90 gsm   | ●          |          |          |            |         |               |
| Hammermill Color Copy Photo White                | 32 lb./120 gsm  | ●          |          | ●        |            |         |               |
| <b>Cover</b>                                     |                 |            |          |          |            |         |               |
| Hammermill Color Copy Cover                      | 60 lb./163 gsm  | ●          |          | ●        |            |         |               |
| Hammermill Color Copy Cover                      | 80 lb./216 gsm  | ●          |          | ●        |            |         |               |
| Domtar Microprint Color Copy                     | 65 lb./176 gsm  | ●          |          | ●        |            |         |               |
| Domtar Microprint Color Copy                     | 80 lb./216gsm   | ●          |          | ●        |            |         |               |
| <b>Coated</b>                                    |                 |            |          |          |            |         |               |
| Hammermill Color Copy Gloss                      | 32 lb./120 gsm  | ●          |          | ●        |            |         |               |
| Kromekote Laser High Gloss C2S text              | 90 lb./133 gsm  | ●          |          | ●        |            |         |               |
| Domtar Luna Gloss text                           | 80 lb./118 gsm  | ●          |          |          |            |         |               |
| Domtar Luna Gloss text                           | 100 lb./148 gsm | ●          |          |          |            |         |               |
| Stora Enso Futura Laser text                     | 80 lb./118 gsm  | ●          |          | ●        |            |         |               |
| Domtar Luna Gloss Cover                          | 80 lb./216 gsm  | ●          |          |          |            |         |               |
| Domtar Luna Gloss Cover                          | 100 lb./271 gsm | ●          |          |          |            |         |               |
| Stora Enso Futura Laser Cover                    | 80 lb./216 gsm  | ●          |          | ●        |            |         |               |
| Sappi Opus Gloss Cover                           | 80 lb./216 gsm  | ●          |          | ●        |            |         |               |
| Smart Kromekote Plus C2S                         | 12 pt./278 gsm  |            |          | ●        |            |         | ●             |
| Smart Kromekote Plus C1S                         | 10 pt./244 gsm  | ●          |          | ●        |            |         |               |
| Smart Kromekote Laser High Gloss C1S             | 12 pt./278 gsm  | ●          |          |          |            |         |               |
| Domtar Microprint Coated laser Gloss (C2S) cover | 80 lb./216 gsm  | ●          |          |          |            |         |               |
| International Paper Carolina C2S Cover           | 10 pt./244 gsm  | ●          |          | ●        |            |         |               |
| International Paper Carolina C1S Cover           | 10 pt./244 gsm  | ●          |          | ●        |            |         |               |
| Sterling Ultra Gloss Cover                       | 80 lb./216 gsm  | ●          |          | ●        |            |         |               |
| <b>Index</b>                                     |                 |            |          |          |            |         |               |
| Springhill Index Plus                            | 90 lb./163 gsm  |            |          | ●        |            |         |               |
| Springhill Index Plus                            | 110 lb./199 gsm |            |          | ●        |            |         |               |
| <b>Label</b>                                     |                 |            |          |          |            |         |               |
| Avery 5160                                       |                 |            |          | ●        |            |         |               |

## **bizhub PRO C6500 Substrate Throughput Assurance Guide**

## PAPER TRAY

|  | Tray 1 | Tray 2 | Tray 3 | MSBT | PFU Upper | PFU lower | LU-202 |
|--|--------|--------|--------|------|-----------|-----------|--------|
|  | ●      | ●      | ●      | ●    | ●         | ●         | ●      |
|  | ●      | ●      |        | ●    | ●         | ●         | ●      |
|  | ●      |        |        |      | ●         | ●         | ●      |
|  |        |        |        |      | ●         | ●         | ●      |
|  | ●      |        |        |      |           |           |        |
|  | ●      |        |        |      | ●         | ●         | ●      |
|  |        |        |        |      |           |           |        |
|  |        |        |        |      | ●         | ●         |        |
|  |        |        |        |      | ●         | ●         |        |
|  |        |        |        | ●    | ●         | ●         | ●      |
|  | ●      |        |        |      | ●         | ●         | ●      |
|  |        |        |        |      |           |           |        |
|  |        |        |        |      | ●         | ●         | ●      |
|  |        |        |        |      | ●         | ●         |        |
|  |        |        |        |      | ●         | ●         |        |
|  |        |        |        |      | ●         | ●         |        |
|  |        |        |        |      | ●         | ●         |        |
|  |        |        |        |      | ●         | ●         |        |
|  |        |        |        |      | ●         | ●         |        |
|  |        |        |        |      | ●         | ●         |        |
|  |        |        |        |      | ●         | ●         |        |
|  |        |        |        |      | ●         | ●         | ●      |
|  |        |        |        |      | ●         | ●         | ●      |
|  |        |        |        |      | ●         | ●         |        |
|  |        |        |        |      | ●         | ●         | ●      |
|  |        |        |        |      | ●         | ●         |        |
|  |        |        |        |      | ●         | ●         |        |
|  |        |        |        |      | ●         | ●         | ●      |
|  |        |        |        |      | ●         | ●         | ●      |
|  |        |        |        |      | ●         | ●         | ●      |

## bizhub PRO C6500 Substrate Throughput Assurance Guide

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### BIZHUB PRO C6500 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 C6500.

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       | GSM 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                    | Kromekotepius 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.     |

## bizhub PRO C6500 Substrate Throughput Assurance Guide

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### EQUIVALENT WEIGHT

| Bond | Offset | Cover | Tag | Index | Points | Caliper | Millimeters | Metric (g/m <sup>2</sup> ) |
|------|--------|-------|-----|-------|--------|---------|-------------|----------------------------|
| 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                     |

## Notes