

# HP CM8060/CM8050 Color MFPs with Edgeline Technology



MEDIA GUIDE



## The best of mono and color in one device—the new HP CM8060/CM8050 Color MFPs with Edgeline Technology

The new HP CM8060/CM8050 Color MFPs with Edgeline Technology help you improve productivity and control operating costs by delivering a powerful combination of features, including superior performance, reduced operating costs, high reliability and intuitive usability.

### Powered by Edgeline Technology

Edgeline Technology combines advancements in print-heads, ink cartridges and ink formulation into a versatile MFP architecture designed to meet the diverse needs of the typical corporate department with ease. The technology can produce high-quality color prints for customer-facing documents; everyday quality color prints for internal reports; and fast, inexpensive black-and-white prints for the countless reports, letters and other communications produced by department employees on any given day. In addition to printing, MFPs with Edgeline Technology copy in color, scan in color, and feature e-mail and optional analog fax capabilities.

### The HP CM8060/CM8050 Color MFPs with Edgeline Technology are fast

- More than 10k nozzles per printhead in a fixed position array provide for high-speed office document printing.
- The HP CM8060 prints at average speeds of 60 ppm mono and 50 ppm color and a maximum speed of 71 ppm black and color.
- The HP CM8050 prints at average speeds of 50 ppm mono and 40 ppm color and a maximum speed of 57 ppm black and color.

### Documents printed on the HP CM8060/CM8050 Color MFPs with Edgeline Technology are archival quality

- Documents are archival quality, highlighter safe, forgery-proof and secure.
- Special pigmented ink combined with a bonding agent provides outstanding print quality in a durable, fast-drying system.
- The ink prevents print from cracking when folded or creased.

### The HP CM8060/CM8050 Color MFPs with Edgeline Technology are easy to use

- Easy-to-install large-capacity ink cartridges produce 30k to 40k pages for quick and infrequent ink replacement.
- An easy to navigate full-color touch screen panel provides clear assistance for loading paper and other MFP functions.
- Unique LED lights along the paper path quickly guide you to paper jams for quick and easy clearance.

### Printing application certifications

Archival records printing—legal, research, financial, government and other documents that require archiving must stand up to the effects of time and environmental conditions. The HP CM8060/CM8050 Color MFPs with Edgeline Technology have been certified under ISO 11798 for this purpose.

Security printing—preventing forgery and intentional document alteration and manipulation is required for printing checks and negotiable certificates. The HP CM8060/CM8050 Color MFPs with Edgeline Technology have been certified by PIRA International for APACS (Association for Payment Clearing Services) in the United Kingdom for this purpose.

The HP CM8060/CM8050 Color MFPs are designed to work across a broad range of plain papers used in the general office. For optimum performance we have provided a set of recommended papers on page 4. For best results, be sure to always select the correct printer settings for the chosen paper.

This MFP with Edgeline Technology series accepts paper such as cut-sheet paper (including recycled), labels, glossy and custom-size paper. Weight, grain direction, smoothness and moisture content are important factors that affect MFP performance and print quality. For heavy and glossy paper, select paper type and size on the control panel for copy applications and in the printer driver for print applications. Using the wrong setting can result in unsatisfactory print quality. Always print by type for special print paper such as labels, matte brochure, heavy paper or glossy paper.

**Note:** Be sure to use paper that falls within the paper specifications on this page to support optimal running of your MFP (see page 4 as a guide.) Using paper that is outside of these HP specifications could cause problems that require MFP repair. This repair is not covered by the HP warranty or service agreements.

The paper types that are listed on page 4 of this guide meet these criteria:

- They have been tested in these MFPs.

- They are of good quality for their intended use.
- They work well with the MFPs' settings.

HP-branded paper is available at [www.hp.com/go/paper](http://www.hp.com/go/paper) or from your local office supplies retailer (see page 4 for recommended types.) These MFPs can also use non-HP-brand paper that falls within the specifications for supported paper (see pages 4 – 5 of this guide).

Set the printer for the appropriate type and size of paper:

- Load paper into one of the five paper uptake trays (see table below for paper supported in each tray.)
- Select the paper type and size for that tray on the control panel.
- Be sure to choose paper type in your driver when printing from your computer (instead of selecting a paper tray source).
- The printer's "smart trays" will pull from the first tray containing the paper size and type you selected.
- When you change the paper type in a tray, be sure to select the new paper type for that tray on the control panel.

### Using the correct paper input/output option

Moving paper through the HP CM8060/CM8050 Color MFPs with Edgeline Technology at high speeds is one of the MFP's valuable features. Using the correct tray for each different type of paper will help ensure trouble-free printing. Here is a chart that will help you select the correct option for each paper.

Tray or bin	Capacity	Paper	Weight
Copier platen	NA	12.0"x17.1" (305x435 mm) Max scanning area 11.7"x17" (297x433 mm)	Any paper that fits into the glass area plus objects up to 50mm height
ADF input tray	100 sheets of 75 g/m <sup>2</sup> (20 lb bond)	Executive, A5, letter, legal, 11"x17"	60 to 135 g/m <sup>2</sup> (16 to 36 lb bond)
Input tray 1 (bypass)	80 sheets 75 g/m <sup>2</sup> (20 lb bond)	All standard paper types, sizes & custom	60 to 220 g/m <sup>2</sup> (16 to 58 lb bond)
Input trays 2, 3, 4	500 sheets 75 g/m <sup>2</sup> (20 lb bond)	Letter, legal (plain paper), 11"x17"	60 to 180 g/m <sup>2</sup> (16 to 48 lb bond)
Optional input tray 5*	4,000 sheets 75 g/m <sup>2</sup> (20 lb bond)	Letter, (plain paper)	60 to 180 g/m <sup>2</sup> (16 to 48 lb bond)
Auto duplexer	NA	60 to 220 g/m <sup>2</sup> (16 to 58 lb bond)	60 to 220 g/m <sup>2</sup> (16 to 58 lb bond)
Single output bin**	250 sheets 75 g/m <sup>2</sup> (20 lb bond)	All standard paper types, sizes & custom	60 to 220 g/m <sup>2</sup> (16 to 58 lb bond)
Multifunction finisher**	400 sheet bins 1 & 2 200 sheet bins 3 & 4 2,500 sheet bin 5 of 75 g/m <sup>2</sup> (20 lb bond)	All standard paper types, sizes & custom for bins 1–4 standard paper sizes for bin 5, no specialty paper	60 to 220 g/m <sup>2</sup> (16 to 58 lb bond)
4-bin job separator**	400 sheet bins 1 & 2 200 sheet bins 3 & 4 of 75 g/m <sup>2</sup> (20 lb bond)	All standard paper types, sizes & custom	60 to 220 g/m <sup>2</sup> (16 to 58 lb bond)

\* Tray 5 is an optional accessory, (sold separately).

\*\* One output option (sold separately) must be chosen per MFP device. Only one output device may be connected at a time.



## Paper for the HP CM8060/CM8050 Color MFPs with Edgeline Technology

In addition to all the approved and recommended paper, we have developed special glossy paper just for these new MFPs called HP Brochure Paper for Edgeline Technology. It is designed to help you deliver superior marketing materials. To order HP Brochure Paper for Edgeline Technology or any other HP papers listed below, visit [www.hp.com/go/paper](http://www.hp.com/go/paper) and find your desired paper by entering the paper part number.

### HP Papers Supported

Paper	Part Number	Size	Weight	Recommended "Paper Type"
HP Office Paper	HPC8511RC	8.5"x11"	20# (75 g/m <sup>2</sup> )	Plain
HP Office Paper	HPC8514	8.5"x14"	20# (75 g/m <sup>2</sup> )	Plain
HP Office Paper	HPC1117	11"x17"	20# (75 g/m <sup>2</sup> )	Plain
HP Office Paper (3-Hole)	HPC3HP	8.5"x11"	20# (75 g/m <sup>2</sup> )	Prepunched
HP Printing Quickpack	HP2500S	8.5"x11"	20# (75 g/m <sup>2</sup> )	Plain
HP Business Copy Paper	HPBC11	8.5"x11"	20# (75 g/m <sup>2</sup> )	Plain
HP Office Recycled Paper	HPE1120C	8.5"x11"	20# (75 g/m <sup>2</sup> )	Recycled
HP Everyday Copy and Print Paper	HPA510	8.5"x11"	20# (75 g/m <sup>2</sup> )	Plain
HP Multipurpose Paper	HPM1120C	8.5"x11"	20# (75 g/m <sup>2</sup> )	Plain
HP Multipurpose Paper	HPM1420	8.5"x14"	20# (75 g/m <sup>2</sup> )	Plain
HP Multipurpose Paper	HPM1720	11"x17"	20# (75 g/m <sup>2</sup> )	Plain
HP Multipurpose Paper 3-Hole	HPM113H	8.5"x11"	20# (75 g/m <sup>2</sup> )	Prepunched
HP Printing Paper	HPP1122C	8.5"x11"	22# (83 g/m <sup>2</sup> )	Plain
HP All-in-One Printing Paper	INP207050	8.5"x11"	20# (75 g/m <sup>2</sup> )	Plain
HP Color Inkjet Paper	HPK115	8.5"x11"	24# (90 g/m <sup>2</sup> )	Plain
HP Bright White Inkjet Paper	HPB1124	8.5"x11"	24# (90 g/m <sup>2</sup> )	Plain
HP Bright White Inkjet Paper	HPB1724	11"x17"	24# (90 g/m <sup>2</sup> )	Plain
HP LaserJet Paper	HPJ1124	8.5"x11"	24# (90 g/m <sup>2</sup> )	Plain
HP LaserJet Paper	HPJ1724	11"x17"	24# (90 g/m <sup>2</sup> )	Plain
HP Color LaserJet Paper	HPL285R	8.5"x11"	24# (90 g/m <sup>2</sup> )	Plain
HP Premium Choice Laser Paper	HPU1132	8.5"x11"	32# (120 g/m <sup>2</sup> )	Cardstock
HP Premium Choice Laser Paper	HPU1732	11"x17"	32# (120 g/m <sup>2</sup> )	Cardstock
HP Premium Presentation Paper, Matte	Q5449A	8.5"x11"	32# (120 g/m <sup>2</sup> )	HP Premium Presentation Matte
HP Premium Presentation Paper, Matte	Q6595A	11"x17"	32# (120 g/m <sup>2</sup> )	HP Premium Presentation Matte
HP Brochure Paper for Edgeline Technology, Glossy	Q8665A	8.5"x11"	48# (180 g/m <sup>2</sup> )	HP Edgeline Glossy
HP Brochure Paper for Edgeline Technology, Glossy	Q8667A	11"x17"	48# (180 g/m <sup>2</sup> )	HP Edgeline Glossy
HP Brochure Paper and Flyer Paper, Matte	Q5445A	8.5"x11"	48# (180 g/m <sup>2</sup> )	HP Brochure & Flyer Matte
HP Tri-fold Brochure Paper, Matte	Q5543A	8.5"x11"	48# (180 g/m <sup>2</sup> )	HP Brochure & Flyer Matte

**NOTE:** When using 11"x17" long grain paper, ensure that the paper's grain direction is set to "long grain." From the control panel select Administration/Device Behavior/Tray Behavior/Grain Direction 11"x17" and A3/long-grain paper.

### Selected Non-HP Papers

Most plain papers will work with the HP CM8060/CM8050 Color MFPs. Although HP cannot control paper formulations for non-HP paper, at the time of testing, the papers below were compatible. This list is intended as a guide and is not all-inclusive.

Paper	8.5"x11"	8.5"x14"	11"x17"	Weight	Recommended "Paper Type" Setting
Boise Cascade X-9	X			16# (60 g/m <sup>2</sup> )	Plain
Boise Cascade X-9	X	X		20# (75 g/m <sup>2</sup> )	Plain
Boise Cascade Aspen 100	X			20# (75 g/m <sup>2</sup> )	Recycled
Domtar Copy	X			20# (75 g/m <sup>2</sup> )	Plain
Husky Xerocopy	X			20# (75 g/m <sup>2</sup> )	Plain
GP Spectrum DP Copy	X	X		20# (75 g/m <sup>2</sup> )	Plain
GP Copy & Print Paper	X	X	X	20# (75 g/m <sup>2</sup> )	Plain
IP HammerMill Fore MP White	X	X	X	20# (75 g/m <sup>2</sup> )	Plain
IP HammerMill Fore MP White	X	X	X	24# (90 g/m <sup>2</sup> )	Plain
IP Great White Copy Paper	X	X	X	20# (75 g/m <sup>2</sup> )	Cardstock
IP Hammermill Color Copy	X		X	28# (105 g/m <sup>2</sup> )	Cardstock
IP Hammermill Color Copy	X		X	32# (120 g/m <sup>2</sup> )	Cardstock
IP Hammermill Color Copy Cover	X		X	60# (162 g/m <sup>2</sup> )	Cardstock
IP Hammermill Color Copy Cover	X	X	X	80# (216 g/m <sup>2</sup> )	Plain
Wausau Exact Multipurpose	X			20# (75 g/m <sup>2</sup> )	Recycled
Wausau Exact Eco 100	X	X	X	20# (75 g/m <sup>2</sup> )	Plain
Xerox 4200	X			24# (90 g/m <sup>2</sup> )	Recycled
Mohawk Beckett Concept 100PC Recycled	X			20# (75 g/m <sup>2</sup> )	Plain

**NOTE:** When using 11"x17" long grain paper, ensure that the paper's grain direction is set to "long grain." From the control panel select Administration/Device Behavior/Tray Behavior/Grain Direction 11"x17" and A3/long-grain paper.

## Other non-HP Papers

Papers listed in the below table have had limited testing on the HP CM8060/CM8050 Color MFPs with Edgeline Technology. Results may not satisfy all customers' needs. If output on these papers is not satisfactory, an alternative paper has been recommended when possible.

Paper	Recommended "Paper Type"	Alternative Recommended Paper
Badger Envirographic 100	Recycled	HP Office Recycled Paper
Boise Cascade Enhanced Color Copier <sup>1</sup>	Cardstock	HP Premium Choice LaserJet Paper
Boise Cascade Presentation Laser	Cardstock	HP Premium Choice LaserJet Paper
Color Source Premium Color Paper	Plain	HP Office Paper
Domtar Microprint Color Copy	Cardstock	HP Premium Choice LaserJet Paper
Domtar Microprint Laser <sup>1</sup>	Cardstock	HP Premium Choice LaserJet Paper
Domtar Multi-System Ultra <sup>1</sup>	Plain	HP Office Paper
Domtar Colors - Vellum Bristol	Cardstock	HP Premium Choice LaserJet Paper
Domtar First Choice Multi Use	Plain	HP Office Paper
IP Springhill Vellum Bristol Cover	Cardstock	HP Office Paper, HP Printing Paper
IP Hammermill Laser Print	Cardstock	HP Office Paper
IP Hammermill Tidal MP	Plain	HP Office Recycled Paper
Springhill Index Digital <sup>1</sup>	Recycled	IP HammerMill Color Copy
Neenah Classic Laid Traditional	Plain	HP Office Paper
Neenah Classic Laid Avon Brilliant White	Cardstock	HP Professional Ink Paper
Recycle Multi NewLife DP100	Plain	HP Office Paper
Xerox Premium Multipurpose 4024	Plain	HP Office Paper
Gilbert White 25% Cotton Paper	Plain	HP Office Paper
Wausau Exact Color Copy	Plain	HP Premium Choice LaserJet Paper
Kodak Bright White Inkjet & Laser Paper <sup>2</sup>	Plain	HP Bright Paper
Fox River Evergreen 100PC Script	Recycled	HP Office Recycled Paper
Beckett Glacier Vellum	Plain	HP Office Paper
GP Geo Cycle Recycled Copier	Plain	HP Office Recycled Paper
Weyerhaeuser First Choice Copy Print	Recycled	HP LaserJet
Staples 30% recycled Copy Paper	Plain	HP Office Recycled Paper
Mead Acid Free Construction Paper <sup>3</sup>	Recycled	No recommendation at this time
DuPont Tyvek 1085D <sup>4</sup>	Label	No recommendation at this time
Neenah UV/Ultra II translucent paper	Label	No recommendation at this time
Appleton NCR paper 3-part	Label	No recommendation at this time
Xerox Premium Digital Carbonless 3-part	Label	No recommendation at this time
UPM Raflatac Jet Gloss label stock <sup>5</sup>	Label	No recommendation at this time
Staples Copy Paper 30PC Recycled <sup>1</sup>	Recycled	No recommendation at this time
Staples Printing Paper 50PC Recycled <sup>2</sup>	Recycled	HP Office Recycled Paper
Fox River Evergreen 100PC Recycled <sup>2</sup>	Recycled	HP Office Recycled Paper
Mohawk Color Copy 100PC Recycled <sup>1</sup>	Recycled	HP Office Recycled Paper
Harbor Premium MP 100PC Recycled <sup>2</sup>	Recycled	HP Office Recycled Paper
IP Hammermill Inkjet <sup>1</sup>	Plain	HP Office Paper
IP Hammermill Fore MP <sup>2</sup>	Plain	HP Office Paper
IP Hammermill Bond 30PC Recycled <sup>1</sup>	Recycled	HP Office Recycled Paper
Domtar Multi-System Ultra <sup>2</sup>	Plain	HP Office Paper
Domtar Color Ivory MP Smooth <sup>2</sup>	Plain	HP Office Paper
Gilbert 25% Cotton <sup>2</sup>	Plain	HP Office Paper

<sup>1</sup> Prone to highlighter smear

<sup>2</sup> Excessive paper curl with high density black printing

<sup>3</sup> Poor pick reliability and cannot print dark paper colors

<sup>4</sup> Black ink does not dry well

<sup>5</sup> Poor label conversion will cause excessive jamming

**NOTE:** If roller marks are observed on prints, it is recommended to select the "Cardstock" paper type.

## Non-Recommended Papers

Papers coated for off-set and/or Xerographic printing are not recommended for use on the HP CM8060/CM8050 Color MFPs with Edgeline Technology because the ink does not dry sufficiently. The alternative recommended paper is HP Brochure Paper for Edgeline Technology, Glossy.

## Suggestions for selecting recommended paper for document applications

Getting the most out of the HP CM8060/CM8050 Color MFPs with Edgeline Technology will be driven by using the best paper for each job. Here is a chart that will help you select the right paper.

Document	Suggested paper	Characteristics
General office copying and printing	HP Office Paper HP Office 11"x17"	75 g/m <sup>2</sup> (20 lb bond), 500 sheets, matte finish on both sides
Color document	HP Bright White 90 g/m <sup>2</sup>	250 sheets, matte finish on both sides 90 g/m <sup>2</sup> (24 lb bond)
Photograph/image	HP Brochure Paper for Edgeline Technology, glossy	200 sheets, glossy finish coating on both sides
Correspondence	HP Office Paper HP Office Paper 11"x17"	75 g/m <sup>2</sup> (20 lb bond), 500 sheets, matte finish on both sides
Letterhead	HP Bright White 90 g/m <sup>2</sup>	250 sheets, matte finish on both sides, 90 g/m <sup>2</sup> (24 lb bond)
Report	HP Premium Presentation Paper, matte HP Brochure and Flyer Paper, matte	150 sheets, text weight coated matte finish on both sides 100 sheets, cover weight coated matte finish on both sides
Cover	HP Brochure Paper for Edgeline Technology, glossy	200 cover weight sheets, glossy finish coating on both sides
Business plan	HP Brochure Paper for Edgeline Technology, glossy	200 sheets, glossy finish coating on both sides
Proposal	HP Bright White 90 g/m <sup>2</sup>	250 sheets, matte finish on both sides, 90 g/m <sup>2</sup> (24 lb bond)
Brochure	HP Brochure Paper for Edgeline Technology, glossy	200 sheets, glossy finish coating on both sides 90 g/m <sup>2</sup> (24 lb bond)
Handout, proposal, sales brief, flyer and color image	HP Brochure Paper for Edgeline Technology, glossy	200 sheets, glossy finish coating on both sides
Catalog	HP Brochure Paper for Edgeline Technology, glossy	200 sheets, glossy finish coating on both sides
Postcard	HP Brochure Paper for Edgeline Technology, glossy	200 cover weight sheets, glossy finish coating on both sides
Chart	HP Bright White 90 g/m <sup>2</sup>	250 sheets, matte finish on both sides, 90 g/m <sup>2</sup> (24 lb bond)
Sign	HP Brochure Paper for Edgeline Technology, glossy	200 cover weight sheets, glossy finish coating on both sides
Map	HP Brochure Paper for Edgeline Technology, glossy	200 cover weight sheets, glossy finish coating on both sides
Newsletter	HP Bright White 90 g/m <sup>2</sup>	250 sheets, matte finish on both sides, 90 g/m <sup>2</sup> (24 lb bond)
Restaurant menu	HP Brochure Paper for Edgeline Technology, glossy	200 cover weight sheets, glossy finish coating on both sides
Training manual	HP Office Paper HP Office - Prepunched	75 g/m <sup>2</sup> (20 lb bond), 500 sheets, matte finish on both sides



HP CM8060 Color MFP with Edgeline Technology with single output bin



HP CM8060 Color MFP with Edgeline Technology with stapler/stacker and 4-bin job separator and 4000-sheet input tray

Selecting the right tray for paper type will help maximize print quality and productivity. Here's a quick list for your use.

### Loading specialty brochure paper

The following HP specialty brochure papers are supported only from Tray 1:

- HP Brochure Paper for Edgeline Technology, glossy (letter)
- HP Brochure Paper for Edgeline Technology, glossy (11"x17")
- HP Premium Presentation, matte 120 g/m<sup>2</sup> (letter)
- HP Superior Inkjet Paper 180 g/m<sup>2</sup> matte
- HP Brochure and Flyer Paper, matte 180 g/m<sup>2</sup> (letter)
- HP Professional Inkjet Paper 120 g/m<sup>2</sup> matte

### Label construction

The following HP labels are supported only from Tray 1:

- HP Multipurpose Paper Labels of any size.

The following are additional considerations when running labels:

- **Arrangement:** Labels can peel off sheets that have spaces between the labels, causing serious jams. Do not use sheets with missing labels.
- **Curl:** Before printing, labels must lie flat with no more than 13mm (0.5 inch) of curl in any direction.
- **Condition:** Do not use labels that have wrinkles, bubbles or other indications of separation.

**Note:** When printing on labels, make sure to set the LABEL type at the control panel when you load the tray and in the printer driver when you print your print job.

### Cardstock construction

When selecting cardstock, consider the quality of each component:

- **Smoothness:** Cardstock should have a smoothness rating of 100 to 180 Sheffield.
- **Curl:** Cardstock should lie flat with less than 5mm (0.2 inch) of curl.
- **Condition:** Make sure that the cardstock is not wrinkled, nicked or otherwise damaged.
- **Size:** See the sizes listed for "Using the correct paper input/output option" on page 3.
- **Weight:** Make sure to set the "Cardstock" type when you load the tray and in the printer driver when you print your print job. Heavier types of cardstock, 180-220 g/m<sup>2</sup> (48-58 lb bond), should only be fed from Tray 1.

**Note:** See table with "Using the correct paper input/output option" on page 3 for maximum and minimum paper sizes and maximum and minimum paper weights that are supported by the finishing devices.

### Transparencies and envelopes

- Not supported.

### Printing by type and size of paper

You can configure the MFP to select paper by type (such as plain, glossy or letterhead) and size (such as letter or 11"x17"), rather than by source (a tray.)

### Benefits of printing by type and size of paper

Printing by type or size means you want the MFP to pull paper or print paper from the first tray that is loaded with the type or size that you choose. Selecting paper by type and size significantly improves print quality for heavy paper and glossy paper. Using the wrong setting can result in unsatisfactory print quality. Always print by type for special print paper such as labels or glossy paper. If you want to print by type or size and the trays have not been configured for a certain type or size:

- **Load** the paper or print paper into Tray 1.
- **Select** the type or size from the Page Setup dialog box, the Print dialog box or the Print Properties dialog box.

**Note:** The type and size settings can also be configured from the HP Web Jetadmin software for networked MFPs.

For Macintosh operating systems, these settings can be configured by using the HP LaserJet Utility.

### Standard paper size

Standard paper sizes are the sizes marked in the input trays or listed in the Paper Handling menu on the control panel. Standard sizes are also the options you can select when setting paper size at the control panel or in the printer driver. Paper sizes that are not marked on the input trays or listed in the Paper Handling menu are considered custom sizes.

### Print modes

**Note:** Setting print modes incorrectly can damage the MFP.

When you select a paper type, you are, in effect, instructing the MFP to use a group of printer settings (such as print speed and color table) to create the best possible print quality. This group of settings is known as a print mode, and a different print mode is associated with each paper type.

The chart on the next page shows the types of paper that can be selected at the control panel and in the printer driver.

**Note:** Specify the paper type at the control panel when you load the trays and in the printer driver when you print your print job.

## Print modes

Type	Description	When to use
Any type		Use only when user will define the paper type from their computer
Plain	Used for everyday office paper	Plain uncoated paper < 150 g/m <sup>2</sup> (40 lb bond)
HP Matte Premium 120g	Optimized print setting for this paper	Only to be used for HP Premium Presentation matte 120 g/m <sup>2</sup> or HP Professional Inkjet Paper 120 g/m <sup>2</sup> matte
HP Matte Brochure 180g	Optimized print setting for this paper	Only to be used for HP Brochure and Flyer Paper matte 180 g/m <sup>2</sup> or HP Superior Inkjet Paper 180 g/m <sup>2</sup> matte
HP Matte Cover 200g	Optimized print setting for this paper	Only to be used for this HP branded paper
HP Glossy Edgeline 180g	Optimized print setting for this paper	Only to be used for HP Brochure Paper for Edgeline Technology 180 g/m <sup>2</sup>
Cardstock	Optimized for physical properties of heavier weight paper at a reduced speed	Plain uncoated paper from 160–220 g/m <sup>2</sup> (60–80 lb cover)
Matte	Optimized for high-quality printing at a reduced speed	If using 11" x 17" paper, then the paper must be long grain or greater than 120 g/m <sup>2</sup>
Matte Brochure	Optimized for high-quality printing on digital color copy paper at a reduced speed	If using 11" x 17" paper, then the paper must be long grain or greater than 120 g/m <sup>2</sup>
Matte Cover	Optimized for physical properties of heavier weight paper at a reduced speed	Plain uncoated paper from 160–220 g/m <sup>2</sup> (60–80 lb cover)
Labels	Optimized for physical properties of plain paper labels at a reduced speed	Uncoated non-glossy
Letterhead	Optimized for physical properties of textured letterhead papers	Fine (rag, cotton, etc.) uncoated paper < 150 g/m <sup>2</sup> (40 lb bond)
Preprinted	Maintains page order of preprinted serialized forms	Plain uncoated paper < 150 g/m <sup>2</sup> (40 lb bond)
Prepunched	Optimized for physical properties of prepunched plain paper	Letter (3-hole) or (2- or 4-hole) plain uncoated paper < 150 g/m <sup>2</sup> (40 lb - bond) only
Colored	Used for everyday office paper	Plain uncoated paper < 150 g/m <sup>2</sup> (40 lb bond)
Bond	Optimized for physical properties of higher quality bond paper	Fine (rag, cotton, etc.) uncoated paper < 150 g/m <sup>2</sup> (40 lb bond)
Recycled	Used for everyday office recycled (30–100%) paper	Plain uncoated paper < 150 g/m <sup>2</sup> (40 lb bond)

## Paper-related copy and print quality issues

This table lists copy quality and print quality issues that might be related to the paper that is used. If you encounter a copy quality or print quality problem that is not listed here, or the recommended actions do not solve the problem, see “Image Quality Problems” in the HP CM8060/CM8050 MFPs with Edgeline Technology Quick Reference Guide.

Issue	Recommended action
Wrinkles in printed areas (cockle)	Excessive cockle is caused by a bad combination of the image, paper and weather. <ul style="list-style-type: none"> <li>Excessively dry paper cockles more. Store paper at proper humidity (45%-55%).</li> <li>Lighter weight papers cockle more than heavier weights.</li> <li>Black ink cockles more than color ink. Consider changing the color of a graphic.</li> </ul>
Printing on 11" x 17" (and other large formats) is exceedingly slow	To optimize print quality and avoid paper jams, your HP CM8060/CM8050 MFP will sometimes print very slowly on 11"x17" paper that is short grain and less than 120 g/m <sup>2</sup> (32 lb bond). <ul style="list-style-type: none"> <li>Use only long grain 11"x17" paper. If you know that your paper is a long grain type, set the administrator option for “Grain Direction 11x17 and A3” to “Long-grain Paper.”</li> <li>If your paper is short grain but has a weight of at least 120 g/m<sup>2</sup> (32 lb bond) you may set the administrator option for “Grain Direction 11"x17" and A3” to “Long-grain Paper.”</li> </ul>
Output is wet to the touch	The combination of certain papers that don't dry quickly and poor weather conditions may result in longer drying times. <ul style="list-style-type: none"> <li>Change your paper to a recommended paper or set the paper type to “Cardstock.”</li> </ul>
Printed page is excessively curled	Excessive curl is caused by a bad combination of the image, paper and weather. <ul style="list-style-type: none"> <li>Excessively dry paper curls more. Store paper at proper humidity (45%-55%).</li> <li>Black ink causes curl more than color ink. Consider changing the color of a graphic.</li> <li>Many 100% recycled papers and lighter weight papers curl badly. Consider using a different paper.</li> </ul>



## Paper-related copy and print quality issues (continued)

Issue	Recommended action
Ink marks in white areas (ghosting)	Certain large print jobs having a repetitive image on slow-drying paper can cause ink to be deposited where not intended. <ul style="list-style-type: none"><li>• Consider using a recommended paper.</li><li>• Set the paper type to "Cardstock" or "Labels."</li></ul>
Ink marks on the back side of the page	If pre-punched paper is used and the printed area extends over the punched holes, ink can be deposited onto the printing surface of the MFP. <ul style="list-style-type: none"><li>• Set the paper type to "Pre-punched" and make sure the paper is loaded with the holes toward the front of the MFP. The image will be electronically trimmed away from the holes. After a serious paper jam, some ink residue may remain on the MFP's printing surface.</li><li>• Print a few more pages to remove the ink.</li></ul>
Strike-through	Excessive visibility of the printed image from the back side of the sheet is due to paper that has low opaqueness or is too thin. <ul style="list-style-type: none"><li>• Consider using a heavier or higher quality paper.</li></ul>
Smearred ink on glossy paper	Your HP CM8060/CM8050 has been designed to work well on a large variety of plain uncoated office papers. However, there are many coated (glossy) papers that do not work well. <ul style="list-style-type: none"><li>• Never use coated paper developed for offset printing.</li><li>• Only use HP Brochure Paper for Edgeline Technology.</li></ul>
Paper jams	<ul style="list-style-type: none"><li>• Discard dog-eared sheets or wrinkled sheets.</li><li>• Only trim paper down to custom sizes after printing.</li><li>• If paper jams occur frequently when printing onto 11"x17" size paper, it may be because you are using a short grain paper type. If your 11"x17" paper is not a long grain type, and has a weight of less than 120 g/m<sup>2</sup> (32 lb bond), you should set the administrator option for "Grain Direction 11" x 17" and A3" to "Short-grain Paper."</li></ul>
Multi-feeds	Sheets can occasionally stick to each other or be damaged such that several sheets are held together. <ul style="list-style-type: none"><li>• Discard dog-eared sheets or wrinkled sheets.</li><li>• Do not mix different paper types in a tray.</li><li>• Fan the paper ream to separate the sheets before putting into the tray.</li></ul>
Pages don't feed from trays	Some papers are manufactured with excessive amounts of fillers such as talc. These fillers can cause the feed rollers to lose their necessary friction. <ul style="list-style-type: none"><li>• Consider using a different paper.</li></ul>
11" x 17" print turns pinkish over time	Switch to HP Office 11"x17"



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