

STATE OF CALIFORNIA
Bid specification
#3 Coated Matte Folio

1.0 SCOPE

This specification describes a long life, #3 coated matte folio paper suitable for use in offset presses.

2.0 APPLICABLE SPECIFICATIONS

Specifications and standards referenced in this document in effect on the opening of the Invitation for Bid forms a part of this specification where referenced.

3.0 REQUIREMENTS

3.1 Configuration

The CoC #3 Matte sheets shall be available in the following weights and sizes:

Weight/Grade	Size, Inches	Color
60#	8.5 – to – 38.0	White
70#		
80#		
100#		
110#		

Dimensional tolerance shall be ± 0.063 inches (± 1.6 mm) either direction. Adjacent sheets in carton shall not vary more than 0.015 inches (0.4 mm) from each other.

3.2 Material

The CoC #3 matte paper shall be a commercial or industrial grade paper which, after being taken or rolled off paper making machine, undergoes no further process or treatment other than calendaring cutting and packaging. Mill converted and packed inventory only.

Matte stock paper shall be a minimum of grade No. 3 coated or as specified in the Invitation for Bid (IFB).

3.3 Characteristics

The paper shall demonstrate the following characteristics:

Characteristic	TAPPI Method	Requirement
Basic Weight lbs. ($\pm 5\%$)(17" X 22" 500sheets)	T410	60/70/80/100/110
Caliper, mils, min	T411	3.4/3.8/4.3/5.5/7.0
Minimum Brightness, %	T452	90
Minimum Opacity, %	T425	91/92/94.5/96.5/96
Moisture, % (± 1)	T412	4.5
Minimum Porosity (S/100ML) Gurley, min Gloss (min)	T460	30/30/30/30/20
Smoothness, Sheffield, min	T538	F30/W30

3.4 Performance

- 3.4.1 The paper shall perform satisfactorily in the various printing operations it is subjected to (i.e., printing, folding, slitting, collating, perforating, etc.).
- 3.4.2 The paper shall be suitable for use on high speed offset presses.
- 3.4.3 The paper shall lie flat on machine feed and collator surfaces before and after application of single side and back-to-back reproductions.
- 3.4.4 The paper shall demonstrate either a workable curl that can be overcome under reasonable working conditions or no tendency to curl.
- 3.4.5 The paper shall provide essentially trouble free performance.

3.5 Workmanship

- 3.5.1 The paper stock shall be free from defects which degrade appearance, performance and serviceability.
- 3.5.2 The paper surfaces shall be free from lint, fuzz, wrinkles, waviness, folds, holes, tears, and other detrimental defects.
- 3.5.3 The paper shall be furnished in the size(s) ordered and shall be flat, trimmed square on four sides with clean smooth edges, and evenly jogged.
- 3.5.4 Grain of paper shall be long unless otherwise specified in the Invitation for Bid (IFB).
- 3.5.5 Natural curl of paper shall be minimal and away from wire side. Curl shall not hinder papers intended use.

3.6 Environmentally Preferable Purchasing (EPP)

- 3.6.1 The product shall contain 100% virgin fiber.
- 3.6.2 The product shall comply with one of the following:
 - Forest Stewardship Council (FSC) Chain of Custody certification:
<https://us.fsc.org/chain-of-custody-certification.201.htm>
 - Sustainable Forest Initiative (SFI) Chain of Custody certification:
<http://www.sfiprogram.org/sfi-standard/chain-of-custody-requirements/>
 - Equivalent third-party forest sustainability certification as determined by DGS.

**Bid specification
#2 Recycled Gloss Sheets**

1.0 SCOPE

This specification describes archival quality acid free, plain recycled #2 coated gloss, folio paper suitable for use in offset presses.

2.0 APPLICABLE SPECIFICATIONS

Specifications and standards referenced in this document in effect on the opening of the Invitation for Bid forms a part of this specification where referenced.

3.0 REQUIREMENTS

3.1 Configuration

The recycled #2 gloss sheets shall be available in the following weights and sizes:

Weight/Grade	Size, Inches	Color
70lb.	8.5 – to – 38.0	White
80lb.		

Dimensional tolerance shall be ± 0.063 inches (± 1.6 mm) either direction. Adjacent sheets in carton shall not vary more than 0.015 inches (0.4 mm) from each other. Mill converted and packaged inventory only.

3.2 Material

The recycled #2 gloss paper shall be a commercial or industrial grade paper which, after being taken or rolled off paper making machine, undergoes no further process or treatment other than calendaring cutting and packaging. Gloss stock paper shall be a minimum of grade No. 2 coated or as specified in the Invitation for Bid (IFB).

3.3 Characteristics

The paper shall demonstrate the following characteristics:

Characteristic	TAPPI Method	Requirement
Basic Weight lbs. ($\pm 5\%$)(17" X 22" - 500sheets)	T410	70/80
Caliper, mils, min	T411	3.05/3.54
Minimum Brightness, %	T452	93
Minimum Whiteness	CIE	123
Minimum Opacity, %	T425	91/93
Moisture % (+/-1)	T412	5.0
Minimum PH	T509	7.0
Minimum stiffness (gr.), Tabor		20MD,13CD/35MD,20CD
Smoothness, Sheffield, min	T538	1000/700
Paper Gloss	T75	72

3.4 Performance

- 3.4.1 The paper shall perform satisfactorily in the various printing operations it is subjected to (i.e., printing, folding, slitting, collating, perforating, etc.).
- 3.4.2 The paper shall be suitable for use on high speed offset presses.
- 3.4.3 The paper shall lie flat on machine feed and collator surfaces before and after application of single side and back-to-back reproductions.
- 3.4.4 The paper shall demonstrate either a workable curl that can be overcome under reasonable working conditions or no tendency to curl.
- 3.4.5 The paper shall provide essentially trouble free performance.

3.5 Workmanship

- 3.5.1 The paper stock shall be free from defects which degrade appearance, performance and serviceability.
- 3.5.2 The paper surfaces shall be free from lint, fuzz, wrinkles, waviness, folds, holes, tears, and other detrimental defects.
- 3.5.3 The paper shall be furnished in the size(s) ordered and shall be flat, trimmed square on four sides with clean smooth edges, and evenly jogged.
- 3.5.4 Grain of paper shall be long unless otherwise specified in the Invitation for Bid (IFB).
- 3.5.5 Natural curl of paper shall be minimal and away from wire side. Curl shall not hinder papers intended use.

3.6 Environmentally Preferable Purchasing (EPP)

- 3.6.1 The product shall contain a minimum 10% Postconsumer Recycled Content (PCRC) or 100% virgin fiber.
- 3.6.2 The product shall comply with one of the following:
 - Forest Stewardship Council (FSC) Chain of Custody certification: <https://us.fsc.org/chain-of-custody-certification.201.htm>
 - Sustainable Forest Initiative (SFI) Chain of Custody certification: <http://www.sfiprogram.org/sfi-standard/chain-of-custody-requirements/>
 - Equivalent third-party forest sustainability certification as determined by DGS.

#2 and #3 Gloss Web

1.0 SCOPE

This specification describes archival quality acid free, #2 and #3, coated, gloss web paper suitable for use in offset presses.

2.0 APPLICABLE SPECIFICATIONS

Specifications and standards referenced in this document in effect on the opening of the Invitation for Bid forms a part of this specification where referenced.

3.0 REQUIREMENTS

3.1 Configuration

The #2 and #3 gloss web paper shall be available in the following weights and sizes:

Weight/Grade	Size, Inches	Color
60lb	11"-38"	White
70lb.	11"-38"	White
80lb	11"-38"	White
100lb	11"-38"	White

Dimensional tolerance shall be ± 0.063 inches. 3" cores. 48" – 50" outside diameter.

3.2 Material

The #2 and #3 gloss paper shall be a commercial or industrial grade paper which, after being taken or rolled off paper making machine, undergoes no further process or treatment other than calendaring slitting and packaging. Original mill converted rolls only.

3.3 Characteristics

The paper shall demonstrate the following characteristics:

Characteristic	TAPPI Method	#2 Gloss Web	#3 Gloss Web
Basic Weight lbs. ($\pm 5\%$)(17" X 22" 500sheets)	T410	60/70/80/100	60/70/80/100
Caliper, mils, min	T411	2.90/3.22/3.70/4.70	2.85/3.22/3.70/4.68
Minimum Brightness, %	T452	92	88
Minimum Whiteness	CIE	92	93
Minimum Opacity, %	T425	91/93/94/96.5	91/93/94/96
Paper Gloss	T75	72	70

3.4 Performance

- 3.4.1 The paper shall perform satisfactorily in the various printing operations it is subjected to (i.e., printing, folding, slitting, collating, perforating, etc.).
- 3.4.2 The paper shall be suitable for use on high speed offset presses.
- 3.4.3 The paper shall lie flat on machine feed and collator surfaces before and after application of single side and back-to-back reproductions.
- 3.4.4 The paper shall demonstrate either a workable curl that can be overcome under reasonable working conditions or no tendency to curl.
- 3.4.5 The paper shall provide essentially trouble free performance.

3.5 Workmanship

- 3.5.1 The paper stock shall be free from defects which degrade appearance, performance and serviceability.
- 3.5.2 The paper surfaces shall be free from lint, fuzz, wrinkles, waviness, folds, holes, tears, and other detrimental defects.
- 3.5.3 The paper shall be furnished in the size(s) ordered.
- 3.5.4 Grain of paper shall be long unless otherwise specified in the Invitation for Bid (IFB).
- 3.5.5 Natural curl of paper shall be minimal and away from wire side. Curl shall not hinder papers intended use.

3.6 Environmentally Preferable Purchasing (EPP)

- 3.6.1 The product shall contain a minimum 10% Postconsumer Recycled Content (PCRC) or 100% virgin fiber.
- 3.6.2 The product shall comply with one of the following:
 - Forest Stewardship Council (FSC) Chain of Custody certification:
<https://us.fsc.org/chain-of-custody-certification.201.htm>
 - Sustainable Forest Initiative (SFI) Chain of Custody certification:
<http://www.sfiprogram.org/sfi-standard/chain-of-custody-requirements/>
 - Equivalent third-party forest sustainability certification as determined by DGS.

**STATE OF CALIFORNIA
Bid Specification
#2 and #3 Recycled Matte Web**

9310-2756-R1

1.0 SCOPE

This specification describes archival quality acid free, plain recycled #2 and #3 coated matte, web suitable for use in offset presses.

2.0 APPLICABLE SPECIFICATIONS

Specifications and standards referenced in this document in effect on the opening of the Invitation for Bid forms a part of this specification where referenced.

3.0 REQUIREMENTS

3.1 Configuration

The recycled #2 and #3 Matte web shall be a minimum of 30% recycled by weight and available in the following weights and sizes:

Weight/Grade	Size	Color
60lb.	11" - 38"	White
70lb.	11" - 38"	White
80lb.	11" - 38"	White
100lb.	11" - 38"	White

Dimensional tolerance shall be ± 0.063 inches. 3" cores, 48"-50" outside diameter

3.2 Material

The recycled #2 and #3 matte web shall be a commercial or industrial grade paper which, after being taken or rolled off paper making machine, undergoes no further process or treatment other than calendaring slitting and packaging. Original mill converted rolls only.

3.3 Characteristics

The paper shall demonstrate the following characteristics:

Characteristic	TAPPI Method	Recyled #2 Requirements	Recyled #3 Requirements
Basic Weight lbs. ($\pm 5\%$)(17" X 22" - 500sheets)	T410	60/70/80/100	60/70/80/100
Caliper, mils, min	T411	3.4/4.0/4.4/5.7	3.4/4.0/4.4/5.7
Minimum Brightness, %	T452	92	88
Minimum Opacity, %	T425	92/94/95/97	92/94/95/97
Gloss, min		26	26

3.4 Performance

- 3.4.1 The paper shall perform satisfactorily in the various printing operations it is subjected to (i.e., printing, folding, slitting, collating, perforating, etc.).
- 3.4.2 The paper shall be suitable for use on high speed offset presses.
- 3.4.3 The paper shall lie flat on machine feed and collator surfaces before and after application of single side and back-to-back reproductions.
- 3.4.4 The paper shall demonstrate either a workable curl that can be overcome under reasonable working conditions or no tendency to curl.
- 3.4.5 The paper shall provide essentially trouble free performance.

3.5 Workmanship

- 3.5.1 The paper stock shall be free from defects which degrade appearance, performance and serviceability.
- 3.5.2 The paper surfaces shall be free from lint, fuzz, wrinkles, waviness, folds, holes, tears, and other detrimental defects.
- 3.5.3 The paper shall be furnished in the size(s) ordered.
- 3.5.4 Grain of paper shall be long unless otherwise specified in the Invitation for Bid (IFB).
- 3.5.5 Natural curl of paper shall be minimal and away from wire side. Curl shall not hinder papers intended use.

3.6 Environmentally Preferable Purchasing (EPP)

- 3.6.1 The product shall contain a minimum of 30% Postconsumer Recycled Content (PCRC) or 100% virgin fiber.
- 3.6.2 The product shall comply with one of the following:
 - Forest Stewardship Council (FSC) Chain of Custody certification:
<https://us.fsc.org/chain-of-custody-certification.201.htm>
 - Sustainable Forest Initiative (SFI) Chain of Custody certification:
<http://www.sfiprogram.org/sfi-standard/chain-of-custody-requirements/>
 - Equivalent third-party forest sustainability certification as determined by DGS.