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Table of Contents

Document Summary 1
Revision History 1
Table of Contents 2
1.0 SCOPE 3
2.0 APPLICABLE LAWS and INDUSTRY STANDARDS 3
 2.1 LAWS and REGULATIONS 3
 2.2 INDUSTRY STANDARDS 3
3.0 TECHNICAL REQUIREMENTS 3
 3.1 CONFIGURATION 3
 TABLE 1: PAPER WEIGHT AND SIZES 3
 3.2 MATERIAL 3
 3.3 TABLE 2: CHARACTERISTICS 4
 3.4 PERFORMANCE 4
 3.5 WORKMANSHIP 4
4.0 ENVIRONMENTALLY PREFERABLE PURCHASING (EPP) 4
 4.1 SUSTAINABILITY CERTIFICATION 4

1.0 SCOPE

This specification describes archival quality acid free, plain coated, matte web paper suitable for use in offset presses.

2.0 APPLICABLE LAWS and INDUSTRY STANDARDS

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

2.1 LAWS and REGULATIONS

None listed

2.2 INDUSTRY STANDARDS

None listed

3.0 TECHNICAL REQUIREMENTS

3.1 CONFIGURATION

Coated matte sheets shall be available in the following weights and sizes:

TABLE 1: PAPER WEIGHT AND SIZES

WEIGHT, grade	SIZE, inches	COLOR
60 pound	8.5 to 40	White
70 pound	8.5 to 40	White
80 pound	8.5 to 40	White
100 pound	8.5 to 40	White
110 pounds	8.5 to 40	White

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 coated 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 packaged inventory only.

Sheet sizes less than 19" x 25" shall be digitally guaranteed paper

3.3 TABLE 2: CHARACTERISTICS

The paper shall demonstrate the following characteristics:

CHARACTERISTIC	TAPPI METHOD	60 pound	70 pound	80 pound	100 pound	110 pound
Basis Weight in pounds	T410	60	70	80	100	110
Minimum Caliper in mils	T411	3.19	3.19	4.3	5.5	7.0
Minimum Brightness %	T452	90	90	90	90	90
Minimum Opacity %	T425	91	92	94.5	96.5	96
Moisture %±1	T412	4.5	4.5	4.5	4.5	4.5
Paper Gloss	T480	20 to 35	20 to 35	20 to 35	20 to 35	
Minimum Smoothness, Sheffield	T538	F30 W30	F30 W30	F30 W30	F30 W30	F30 W30
Minimum Postconsumer Recycled Content	N/A	10	10	10	10	10

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 sizes 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.

4.0 ENVIRONMENTALLY PREFERABLE PURCHASING (EPP)

4.1 SUSTAINABILITY CERTIFICATION

The product shall comply at a minimum with one of the following:

- [Forest Stewardship Council \(FSC\) Chain of Custody certification](#)
- [Sustainable Forest Initiative \(SFI\) Chain of Custody certification](#)
- [Programme for the Endorsement of Forest Certification \(PEFC\) Chain of Custody certification](#)