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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

The matte web paper shall be available in the following weights and sizes:

TABLE 1: PAPER WEIGHT AND SIZES

WEIGHT, grade	SIZE, inches	COLOR
60 pound	11 to 40	White
70 pound	11 to 40	White
80 pound	11 to 40	White
100 pound	11 to 40	White

Dimensional tolerance shall be ± 0.063 inches. Three inch cores. Forty-eight to 50 inch outside diameter.

3.2 MATERIAL

The matte web 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. Original mill converted rolls only.

3.3 TABLE 2: CHARACTERISTICS

The paper shall demonstrate the following characteristics:

CHARACTERISTIC	TAPPI METHOD	Requirements for 60 pound	Requirements for 70 pound	Requirements for 80 pound	Requirements for 100 pound
Basis Weight in pounds	T410	60	70	80	100
Minimum Caliper in mils	T411	3.2	3.9	4.3	5.5
Minimum Brightness %	T452	88	88	88	88
Minimum Opacity %	T425	88	93	95	96
Paper Gloss	T480	20-35	20-35	20-35	20-35
Minimum Postconsumer Recycled Content	N/A	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](#)