

**Document Summary**

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**Revision History**

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**1.0 SCOPE**

This specification describes archival quality acid free, plain 32 pound white ledger 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 32 pound ledger shall be available in the following weights and sizes:

TABLE 1: PAPER WEIGHT AND SIZES

WEIGHT, grade	SIZE, inches	COLOR
32 pound	11 to 35	White

Dimensional tolerance shall be  $\pm 0.063$  inches. Three-inch core 0.50 inch outside diameter.

3.2 MATERIAL

The 32 pound ledger 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. No splice.

3.3 TABLE 2: CHARACTERISTICS

CHARACTERISTICS	TAPPI TEST METHOD	32#
Basis Weight $\pm 5\%$ in pounds 500 sheets, 17 by 22 inches	T410	32
Minimum Caliper in mils.	T411	5.5
Minimum Brightness %	T452	94
Minimum Whiteness	CEI	143
Minimum Opacity %	T425	95
Moisture $\% \pm 1$	T412	5.5
Minimum pH	T509	7
Minimum Porosity in S/100ML, Gurley	T460	8
Minimum Smoothness in Sheffield units	T538	150

### 3.4 PERFORMANCE

- 3.4.1 The paper shall perform satisfactorily in the various printing operations it is subjected to (that is, 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 be suitable for use on high speed toner based web fed digital printing, tipping, inserting and mailing equipment.
- 3.4.4 The paper shall lie flat on machine feed and collator surfaces before and after application of single side and back-to-back reproductions.
- 3.4.5 The paper shall demonstrate either a workable curl that can be overcome under reasonable working conditions or no tendency to curl.
- 3.4.6 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.
- 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](#)