

Document Summary

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1.0 SCOPE

This specification establishes the minimum acceptable quality level for Paper, Offset Book, Recycled Stock suitable for application on a heat-set web press by the State of California, Office of State Publishing (OSP). The stock is primarily intended for the printing of publications.

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 stock roll shall be available in width from 11 to 38 inches and roll diameter of 40 to 50 inches. The roll width and diameter shall be as ordered with a tolerance of \pm one 16th of an inch for the width and \pm 1/2 inch for the diameter. The roll stock core shall be of cardboard or fiberboard stock and shall fit on a standard 3.0-inch chuck and not slip on the core.

3.2 TABLE 2: CHARACTERISTICS

CHARACTERISTICS	TAPPI TEST METHOD	Requirements for 50 pound	Requirements for 60 pound	Requirements for 70 pound
Basis Weight \pm 5% in pounds 500 sheets, 17 by 22 inches	T410	50	60	70
Minimum Thickness in mils.	T411	3.7	4.3	5.0
Minimum Opacity %	T425	90	90	90
Brightness, \pm 2, white	T452	90	90	90
Minimum Bursting Strength, pounds per inch	T403	19	23	25
Minimum Smoothness, in Sheffield units	T538	165	170	175
*Minimum Postconsumer Recycled Content	N/A	30	30	30

*Note: Postconsumer Recycled Content (PCRC) minimum only applies to recycled content products.

3.3 PERFORMANCE

- 3.3.1 The paper shall be suitable for use in offset and digital printing; to also include trimming, binding, folding, punching and other associated OSP operations.
- 3.3.2 Paper shall not require unusual adjustment to production equipment, nor shall it require additional in-feed/tension or any other control equipment to be added to produce salable product.
- 3.3.3 Press blanket wash-ups due to piling of paper lint or any particles, which pick, lift, fluff or pile shall not be required before 50,000 impressions or cut offs.
- 3.3.4 Web breaks caused by mill splices or manufacturing defects shall not exceed 1% of the rolls supplied (that is, a maximum of one web break per 100 rolls).

3.4 WORKMANSHIP

- 3.4.1 The paper shall be free from defects that will affect appearance or serviceability.
- 3.4.2 The tension in winding the rolls shall be uniformly tight to prevent wrinkles and preserve the natural creeping characteristics of the paper.
- 3.4.3 The paper may be wound felt side in or felt side out, but the winding shall be consistent throughout the contract with no dished rolls, no welts, and no baggy rolls.
- 3.4.4 Splices shall be neat and consistent with good manufacturing practices; splices shall be accomplished with water-soluble, heat sealed, repulpable tape and shall be marked with an arrow on the roll edge.
- 3.4.5 Splice markers, are not acceptable; as they tend to fall out as the roll unwinds.
- 3.4.6 There shall be no more than two splices in any one roll. Splices shall be marked on the roll edge.
- 3.4.7 There shall be no splice four inches from the outer diameter of the roll or within six inches of the core.
- 3.4.8 Loose paper fibers on the end of the roll, breaks, tears, doctor picks, holes and patches over holes are not acceptable.

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](#)