

Document Summary

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9310-3807	A	May	Velazquez, I.	Updating web links

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1.0 SCOPE

This specification establishes the minimum acceptable quality level for paper, continuous feed roll stock suitable for high speed continuous web fed digital printers and high speed inserting equipment used by the state of California, Office of State Publishing (OSP).

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

Paper shall be available in the following variations:

- 20 pound, White, Magnetic Optically Clear Reader (MOCR) with pin-feed hole tabs, Brightness $\geq 92\%$
- 20 pound, White, MOCR, Brightness $\geq 92\%$

3.1 CONFIGURATION

3.1.1 The paper, continuous feed roll shall be available in width from 18 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 $\pm\frac{1}{2}$ inch for the roll diameter. The roll stock core inner diameter shall be 3.0-inches with a tolerance of $\pm\frac{1}{16}$ inches.

3.1.2 Splices are not allowed.

3.2 MATERIAL

MOCR with pin-feed hole tabs and MOCR laser grade bond paper with no ground wood content shall be made from a minimum of 80% chemical wood pulp.

3.3 TABLE 2: CHARACTERISTICS

CHARACTERISTICS	TAPPI TEST METHOD	MOCR PAPER
Basis Weight $\pm 5\%$ in pounds 500 sheets, 17 by 22 inches	T410	32
Moisture %, $\pm 1\%$	T412	4 to 6
Minimum Brightness %	T452	92
Porosity, Gurley/sec.	T460	9 to 20
Minimum Opacity %	T519	88
Color	T524	White
Minimum Grain Direction Stiffness, Gurley Units	T543	175 to 225
Minimum Cross-Direction Stiffness, Gurley Units	T543	80 to 125
Smoothness, Sheffield Units	T538	70 to 150
Minimum Postconsumer Recycled Content %	None	30

3.4 MOCR LASER GRADE BOND PAPER WITH PIN-FEED HOLE TABS

- 3.4.1 Shall have pin-feed holes tabs on both sides per standard printer pin-feed holes
- 3.4.2 Pin-Feed holes shall have no perforations on tabs
- 3.4.3 Shall have horizontal perforations every 11.0 inches with one 16th of an inch tied ends
- 3.4.4 Shall have ≥ 12 cuts per inch
- 3.4.5 Shall have 0.032 to 0.047 tie length
- 3.4.6 Shall have nine to 11 pounds per square inch tear resistance
- 3.4.7 Shall have no marginal perforations

3.5 PERFORMANCE

- 3.5.1 The offered product shall be certified to meet the requirements listed in section 3.3 of this specification.
- 3.5.2 The offered product shall perform without problems in production operation which include the utilization of high-speed Canon OCE' 7650 Vario Stream printers and Bowe, Bell & Howell Enduro BH4000 inserter mail processing equipment.
- 3.5.3 Supplied stock shall not require unusual adjustment to printer and mailroom inserter machines, nor shall it require additional in-feed/tension or any other control equipment to be added for production.

3.6 WORKMANSHIP

- 3.6.1 All paper stock shall be free from defects of foreign material, tears, breaks, creases, pinholes, wrinkles, loose fibers, thick spots, and other defects, which degrade its appearance and/or serviceability.
- 3.6.2 Surface of supplied paper stock shall be free from dust, lint, fuzz, chads, glue on roll sides, paper cut, etc. or particles, which will pick, lift, fluff, or pile in the machines under normal operational conditions.

- 3.6.3 Tension in winding rolls shall be uniformly light to prevent wrinkles and preserve natural creeping characteristics of the paper. No dished rolls. No Welts.
- 3.6.4 Stock supplied shall be from even distribution of roll positions from reel. Maximum of two end cuts per reel.
- 3.6.5 The finished paper shall stack correctly, no leaning, no bubbling at perforation, no wrinkling, and no slick or dull spots.

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](#)