

STATE OF CALIFORNIA



**Bid Specification**  
Paper, Continuous Feed Stock (Sheets) (OSP)

9310-2710

**1. 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. APPLICABLE SPECIFICATIONS / STANDARDS / CODES**

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

**3. REQUIREMENTS**

Paper shall be available in the following variations:

- 20 lb., White, Magnetic Optically Clear Reader (MOCR) with pin-feed hole tabs, Brightness ≥ 92%
- 20 lb., White, MOCR, Brightness ≥ 92%

**3.1. Configuration**

The paper, continuous feed roll shall be available in width from 18.0 inches and roll diameter of 40 - to – 50 inches. The roll width and diameter shall be as ordered with a tolerance of (+/-) 1/16 inch for the width and (+/-) 1/2 inch for the roll diameter. The roll stock core inner diameter shall be 3.0 inches with a tolerance of (+/-) 1/16 inches.

**3.2. Material**

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

**3.3. Characteristics**

CHARACTERISTICS	TAPPI TEST METHOD	MOCR Paper (Both Variations)
Base Weight, 500 sheets, (+/-) 5% (17 in. x 22 in.)	T- 410	20 lb.
Moisture, %, (+/-) 1	T - 412	4% – 6%
Brightness, %, (min.)	T - 452	92
Porosity	T- 460	9 – 20 Gurley/sec.
Opacity, % (min.)	T - 519	≥ 88%
Color	T - 524	White
Stiffness (Grain Direction), (min.)	T - 543	175 – 225 Gurley Units
Stiffness (Cross-Direction), (min.)		80 – 125 Gurley Units
Smoothness, Sheffield	T - 538	70 -150 Sheffield Units
*Postconsumer Recycled Content, %	n/a	30 and 100, <b>see note</b>

**\*Please Note:** Recycled MOCR with pin-feed hole tabs and recycled MOCR laser grade paper shall each contain a minimum of 30% % Postconsumer Recycled Content (PCRC).

**3.3.1. MOCR laser grade bond paper with Pin-Feed hole tabs**

**3.3.1.1.** Shall have pin-feed holes tabs on both sides per standard printer pin-feed holes

**3.3.1.2.** Pin-Feed holes shall have no perforations on tabs

**3.3.1.3.** Shall have horizontal perforations every 11.0 inches with 1/16 inch tied ends

**3.3.1.4.** Shall have  $\geq 12$  cuts per inch

**3.3.1.5.** Shall have 0.032 - 0.047 tie length

**3.3.1.6.** Shall have 9-11lbs/square inch tear resistance

**3.3.1.7.** Shall have no marginal perforations

**3.4. PERFORMANCE**

**3.4.1** The offered product shall be certified to meet the requirements listed in section 3.3 of this specification.

**3.4.2** 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.

**3.4.3** 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.

**3.5 Workmanship**

**3.5.1** 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.

**3.5.2** 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.

**3.5.3** Tension in winding rolls shall be uniformly light to prevent wrinkles and preserve natural creeping characteristics of the paper. No dished rolls. No Welts.

**3.5.4** Stock supplied shall be from even distribution of roll positions from reel. Maximum of 2 end cuts per reel.

**3.5.5** The finished paper shall stack correctly, no leaning, no bubbling at perforation, no wrinkling, and no slick or dull spots.

**3.6 Environmentally Preferable Purchasing (EPP)**

**3.6.1** The product shall contain a minimum of 30% Postconsumer Recycled Content (PCRC) or 100% virgin fiber.

**3.6.2** The product shall comply with one of the following:

- Forest Stewardship Council (FSC) Chain of Custody certification:  
<https://us.fsc.org/chain-of-custody-certification.201.htm>
- Sustainable Forest Initiative (SFI) Chain of Custody certification:  
<http://www.sfiprogram.org/sfi-standard/chain-of-custody-requirements/>
- Equivalent third-party forest sustainability certification as determined by DGS.