



Document Summary

Detail Type	Detail
Event ID	0000019470
Commodity	Paper, Continuous Feed Stock (Sheets)
Attachment (Exhibit)	2
Addendum	
Group-Class	75-46
Bid Specification	9310-5780
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Agency Name	OSP

Revision History

Bid Specification	Revision Level	Revision Date	Author	Summary of Changes
9310-5780	N/A	Aug 12, 2021	So, R	New release



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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 AND STANDARDS

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
- 20 lb., White, MOCR

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 $\pm 1/16$ inch for the width and $\pm 1/2$ inch for the roll diameter. The roll stock core inner diameter shall be 3.0 inches with a tolerance of $\pm 1/16$ inches. 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 >80% chemical wood pulp.

3.3 Characteristics

Characteristics	TAPPI Method	MOCR Paper (Both Variations)
Basic Weight, 500 sheets, (\pm) 5% (17-inch X 22 inch)	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	$\geq 88\%$
Color	T - 524	White
Stiffness (Grain Direction)	T - 543	175 – 225 Gurley Units
Stiffness (Cross Direction)	T - 543	80 – 125 Gurley Units
Smoothness, Sheffield Unit	T - 538	70 -150
Postconsumer Recycled Content, %, (min.)	N.A.	30

3.3.1 The 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 ≥ 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 Bluecrest MPS, MSE, and FPS 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 comply at a minimum 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-standard/>



Document Summary

Detail Type	Detail
Event ID	0000019470
Commodity	Paper, Continuous Feed Stock (Sheets/Rolls)
Attachment (Exhibit)	2
Addendum	N/A
Group-Class	93-10
Bid Specification	9310-5781
Revision Level	N/A
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Agency Name	FTB

Revision History

Bid Specification	Revision Level	Revision Date	Author	Summary of Changes
9310-5781	N/A	August 12, 2021	So, R	New release



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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, Franchise Tax Board (FTB).

2. APPLICABLE SPECIFICATIONS AND STANDARDS

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

3.1 Configuration

- 3.1.1 Roll width shall be 18.0 inches with a tolerance of $\pm 1/16$ inch
- 3.1.2 Roll diameter shall be 50 inches
- 3.1.3 Pin-feed hole tab margins shall be 1/2 inch left and right with no marginal perforations.
- 3.1.4 Roll shall have a core inner diameter of 6.0 inches with a tolerance of $\pm 1/16$ inch.
- 3.1.5 Green bars shall be printed on the front of the sheet.
- 3.1.6 All supplied roll stock shall rewind with top of the printed form feeding first into the printer.

3.2 Material

Paper shall be made of Magnetic Optically Clear Reader (MOCR) with pin-feed hole tabs, white, MOCR laser grade 18-24 lb. bond with no ground wood content. Supplied paper stock shall be made from > 80% chemical, wood pulp.

3.3 Perforations for MOCR Laser grade bond paper with pin-feed hole tabs

- 3.3.1 Horizontal perforations shall be every 11.0 inches with 1/16-inch tied ends
- 3.3.2 3:1 cut tie ratio fold perf with 2-4 mm edge ties
- 3.3.3 8 cuts per inch
- 3.3.4 Tie length 0.030 – 0.047
- 3.3.5 Perforation shall be 3.25 inches from the top edge

3.4 Characteristics

CHARACTERISTICS	TAPPI	FTB 903R
Base Weight,500 sheets, (17-inch x 22 inch)	T- 410	20 lb. MOCR Bond
Moisture Content, (% by weight)	T - 412	4.0 - 5.0
Opacity, %, (min.)	T - 519	>88
Brightness, %, (min.)	T - 452	92
Porosity (Gurley/sec)	T - 460	9 - 20
Color	T - 524	White
Stiffness, Grain Direction, (Gurley units)	T - 543	175 - 225
Stiffness, Cross Direction, (Gurley units)	T - 543	80 - 125
Tear strength, (lbs./square inch)	N/A	10-14

Smoothness, (Sheffield units)	T - 538	140 -160
Roll Weight, (lbs.)	N/A	975 - 1100

3.5 Performance

- 3.5.1 Paper shall be compatible with high-speed Canon OCE' 7650 Vario Stream printers and Bowe, Bell & Howell Enduro BH4000 inserter mail processing equipment.
- 3.5.2 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.

3.6 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 Stock supplied shall be from even distribution of roll positions from reel. Maximum of 2 end cuts per reel.
- 3.6.4 The tension in winding the rolls shall be uniformly tight to prevent wrinkles and preserve the natural creeping characteristics of the paper.
- 3.6.5 Finished rolls shall be wound consistent. Dished rolls, rolls with welts, and baggy rolls are not acceptable.
- 3.6.6 Finished paper shall stack without leaning and bubbling at perforation, wrinkling as well as slick or dull spots are not acceptable.

3.7 Environmentally Preferable Purchasing (EPP)

- 3.7.1 The product shall comply at a minimum 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-standard/>