

Document Summary

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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, Franchise Tax Board (FTB).

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 TABLE 1: CONFIGURATION

Paper Type	Roll Width, inches	Tolerance, inches	Roll Diameter, inches	Inner Core Diameter, inches
FTB 903R	18.0	±1 16 th	50	6.0
FTB 930R	18.0	±1 16 th	50	6.0
FTB 908R	14.875	±1 16 th	50	6.0
FTB 907	Box	N/A	N/A	N/A

3.1.1 For FTB 903R, FTB 907R, FTB 908R, and FTB 930R, pin-feed hole tab margins shall be ½ inch left and right with no marginal perforations.

3.1.2 For FTB 903R, FTB 930R and FTB 908R, each shall have a core inner diameter of 6.0 inches with a tolerance of ±1 16th of an inch.

3.1.3 For FTB 903R and FTB 908R stock, the green bars shall be printed on the front of the sheet.

3.1.4 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, and MOCR laser grade bond paper with no ground wood content. Supplied paper stock shall be made from a minimum of 80% chemical wood pulp.

3.3 PERFORATIONS

Perforations for MOCR laser grade bond paper with pin-feed hole tabs:

3.3.1 FTB 903R, FTB 930R and FTB 908R

3.3.1.1 Shall have horizontal perforations every 11.0 inches with 1 16th of an inch tied ends.

3.3.1.2 Shall have ≥10 cuts per inch.

3.3.1.3 Shall have 0.032 to 0.047 tie length.

3.3.2 FTB 907

3.3.2.1 Shall have horizontal perforations every 8.5 inches with 1 16th of an inch tied ends.

3.3.2.2 Shall have ≥8 cuts per inch.

3.3.2.3 Shall have 0.032 to 0.047 tie length.

3.3.3 FTB 930R

3.3.3.1 Shall be 3.25 inches from the top edge.

3.4 TABLE 2: CHARACTERISTICS

CHARACTERISTICS	TAPPI TEST METHOD	FTB903R	FTB930R	FTB908R	FTB907
Basis Weight ±5% in pounds 500 sheets, 17 by 22 inches	T410	20 pound MOCR	20 pound MOCR	20 pound Bond	20 pound Bond
Moisture Content % by Weight	T412	4.0 to 5.0	4.0 to 5.0	4.0 to 5.0	4.0 to 5.0
Minimum Opacity %	T519	>88	>88	>88	>88
Minimum Brightness %	T452	92	92	92	92
Porosity, Gurley/sec.	T460	9 to 20	9 to 20	9 to 20	9 to 20
Color	T524	White	White	White, ½ inch green bar	White, ½ inch green bar
Minimum Grain Direction Stiffness, Gurley Units	T543	175 to 225	175 to 225	175 to 225	175 to 225
Minimum Cross-Direction Stiffness, Gurley Units	T543	80 to 125	80 to 125	80 to 125	80 to 125
Tear Strength, pounds per square inch	N/A	10 to 14	10 to 14	10 to 14	6 to 9
Smoothness, Sheffield units	T538	140 to 160	140 to 160	140 to 160	140 to 160
Roll Weight, pounds	N/A	975 to 1100	975 to 1100	800 to 860	N/A

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 two 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 Paper 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.

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](#)