

**Document Summary**

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**1.0 SCOPE**

This specification establishes the minimum acceptable quality level for paper, carbonless, chemical transfer roll stock suitable for form(s), web offset presses, cutting and padding applications used by the state of California, Office of State Publishing (OSP). The stock is primarily intended for the printing and producing of multi-set snap-out forms.

**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 8 to 38 inches and roll diameter of 40 to 50 inches. The roll width and diameter shall be as ordered with a tolerance of  $\pm 1/16$  inch of an inch for the width and  $\pm 1/32$  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 MATERIAL

The base paper shall be coated with suitable chemical coatings. White and colored carbonless paper shall be bond with the basis weight as specified.

3.3 Table 1: CHARACTERISTICS

CHARACTERISTICS	TAPPI TEST METHOD	Coated Back (CB)	Coated Back (CB)	Coated Front (CF)	Coated Front & Back (CFB)
Basis Weight in pounds 500 sheets, 17 by 22 inches	T410	20, 21	15, 16	15, 16	14, 14.5
Minimum Thickness in mils	T411	4.0	2.7	2.5	2.4
Minimum Tear Resistance, CMD	T414	42	18	18	18
Minimum Opacity %	T425	82	76/None	None	None
Color	N/A	White	White/Color	White/Color	White/Color

### 3.4 PERFORMANCE

- 3.4.1 The paper shall be suitable for use in offset printing, trimming, binding, folding, punching and other associated OSP operations.
- 3.4.2 The carbonless paper shall be suitable for use on copier/duplication machines generally used by the state.
- 3.4.3 Each part of the six-part set shall be permanent, legible and characters clearly read when written on the CB with pencil, ball point pen, or with any impact typewriter.
- 3.4.4 Carbonless roll paper shall have a minimum one-year shelf life.
- 3.4.5 Carbonless roll paper images shall have a minimum of 10-year stability.
- 3.4.6 The paper shall process through the agency's equipment without requiring unusual adjustment to the equipment or additional infeed/tension or other control devices to be added to the equipment.
- 3.4.7 The paper shall not increase maintenance to or damage the equipment.
- 3.4.8 Web breaks caused by mill splices or manufacturing defects shall not exceed 1% of the paper rolls supplied (that is, a maximum of one web break per 100 rolls).

### 3.5 WORKMANSHIP

- 3.5.1 The paper shall be free from defects that will affect appearance or serviceability.
- 3.5.2 The tension in winding the rolls shall be uniformly tight to prevent wrinkles and preserve the natural creeping characteristics of the paper.
- 3.5.3 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.
- 3.5.4 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.
- 3.5.5 Splice markers, are not acceptable; as they tend to fall out as the roll unwinds.
- 3.5.6 There shall be no more than three splices in any one roll. Splices shall be marked on the roll edge.
- 3.5.7 There shall be no splice three inches from the outer diameter of the roll or within six inches of the core.
- 3.5.8 Loose paper fibers on the end of the roll, breaks, tears, doctor picks, holes and patches over holes are not acceptable.

### 3.6 ENVIRONMENTALLY PREFERABLE PURCHASING (EPP)

The product shall comply with one of the following:

- 3.6.1 [Forest Stewardship Council \(FSC\) Chain of Custody certification](#)
- 3.6.2 [Sustainable Forest Initiative \(SFI\) Chain of Custody certification](#)
- 3.6.3 Equivalent third-party forest sustainability certification as determined by DGS.