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1.0 SCOPE

This specification sets forth the minimum acceptable quality level for Newsprint Roll Stock suitable for open and heat-set web press application by the State of California, Office of State Publishing (OSP). The stock is primarily intended for the printing of publications.

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 8.5 inches to 38 inches and roll diameter of 40 inches to 50 inches. The roll width and diameter shall be as ordered. A tolerance of \pm one 16th of an inch shall be allowed for the width and \pm 1/2 inch for the diameter. The roll stock core shall fit on a standard 3.0 inch chuck. The roll shall not slip on the core and shall be of cardboard or fiberboard stock.

3.2 Table 1: CHARACTERISTICS

CHARACTERISTICS	TAPPI TEST METHOD	REQUIREMENTS
Basis Weight, pounds, 500 sheets, 24 by 36 inches	T-410	27.7 \pm 1.5
Minimum Thickness, mil	T-411	3.1 (same caliper)
Minimum Tear Resistance, Cross Machine Direction, gram	T-414	30
Minimum Opacity %	T-425	92
Minimum Brightness %	T-452	52 (white only)
Minimum Tensile Strength, 15mm wide Strip, kg	T-404	MD=2.5, CMD=0.5

3.3 PERFORMANCE

3.3.1 The paper shall be suitable for use in offset printing, trimming, binding, folding, punching and other associated Office of State Publishing operations.

3.3.2 Pages Per Inch shall be consistent within tolerance from batch to batch during and after printing and bindery processes.

3.3.3 Press blanket wash-ups due to piling of paper lint or any particles, which pick, lift, fluff or pile shall not be required before 50,000 impressions or cut offs.

3.3.4 Web breaks caused by mill splices or manufacturing defects shall not exceed 1% of the rolls supplied (that is, a maximum of one web break per 100 rolls).

3.4 WORKMANSHIP

3.4.1 The paper shall be free from defects that will affect appearance or serviceability.

3.4.2 The tension in winding the rolls shall be uniformly tight to prevent wrinkles and preserve the natural creeping characteristics of the paper.

3.4.3 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.

3.4.4 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.

3.4.5 Splice markers, are not acceptable; as they tend to fall out as the roll unwinds.

3.4.6 There shall be no more than two splices in any one roll. Splices shall be marked on the roll edge.

3.4.7 There shall be no splice four inches from the outer diameter of the roll or within six inches of the core.

3.4.8 Loose paper fibers on the end of the roll, breaks, tears, doctor picks, holes and patches over holes are not acceptable.

3.5 ENVIRONMENTALLY PREFERABLE PURCHASING (EPP)

3.5.1 The product shall contain a minimum of 40% Postconsumer Recycled Content (PCRC) up to a maximum of 60% PCRC.

3.5.2 The product shall comply with one of the following:

3.5.2.1 [Forest Stewardship Council \(FSC\) Chain of Custody certification](#)

3.5.2.2 [Sustainable Forest Initiative \(SFI\) Chain of Custody certification](#)

3.5.2.3 Equivalent third-party forest sustainability certification as determined by DGS.