



# STATE OF CALIFORNIA

Contract 1-14-75-41D  
Attachment B  
9310-2704

## Bid specification Paper, Bond, Cut Stock (Multi-Purpose), Recycled

### 1.0 SCOPE

This specification establishes minimum acceptable quality level for plain bond, cut stock paper suitable for use in various offices copying equipment such as high speed copier/duplicators, offset presses, laser printers, plain paper fax machines etc.

### 2.0 APPLICABLE SPECIFICATIONS

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

### 3.0 REQUIREMENTS

#### 3.1 Configuration

Paper shall be available in the following weights and sizes:

Type	Weight/Grade	Size, Inches	Color
Letter	20lb.	8.5 x 11	White
Legal		8.5 x 14	
Ledger		11 x 17	
Letter 3HP		3 HP	

#### 3.2 Dimensional tolerance

Cut sheets shall be (+/-) 0.063 inches (1.6 mm) either direction. Adjacent sheets in ream shall not vary more than 0.015 inches (0.4 mm) from each other.

#### 3.3 Cut holes

When specified in the IFB, cut stock paper measuring 8.5 x 11 inches (215.9 x 279.4 mm) shall be furnished with three (3) 0.3125 inches diameter holes, measured 4.25 inches center-to-center to fit into standard three (3) ring binders.

#### 3.4 Material

The bond paper shall be a commercial or industrial grade paper which, after being taken or rolled off paper making machine, undergoes no further process or treatment other than calendaring cutting and packaging. The manufacturing process shall not use chlorine or any chlorine compounds.

### 3.5 Characteristics

The bond paper shall demonstrate the following characteristics:

CHARACTERISTICS	TAPPI TEST METHOD	Letter	Legal	Ledger
Base Weight, 500 sheets, (+/-) 5% (17 in. x 22 in.)	T- 410		20 lb.	
Thickness, mil, (min.)	T - 411		3.9	
Moisture, %, (+/-) 1	T - 412		4.5	
Opacity, % (min.)	T - 425		90	
Brightness, %, (min.)	T - 452		90	
Stiffness (gr.), Tabor, (min.)	T - 489		1.9MD,0.9CD	
pH, (min.)	T - 509/529		7.0	
Smoothness, Sheffield	T - 538		100 -170	
*Postconsumer Recycled Content, %	n/a		30 and 100, <b>see note</b>	

**\*Please Note:** For letter, legal and ledger paper, each have requirements for 30% and 100% Postconsumer Recycled Content (PCRC) respectively for each line item.

### 3.6 Performance

- 3.6.1 The paper shall be suitable for use on high-speed copier/duplication machines, high speed offset presses, and laser printers, micrographic reader/printers and plain paper fax machines.
- 3.6.2 The paper shall lie flat on machine feed and collator surfaces before and after application of single side and back-to-back reproductions.
- 3.6.3 The paper shall demonstrate a workable curl that can be overcome during normal operating conditions.
- 3.6.4 The paper shall have a reliability rate of 99.98% or no more than one (1) jam per 5000 when operated during single side reproduction.
- 3.6.5 The paper shall have a reliability rate of 99.93% or no more than (3) jams per 4000 when operated during back to back reproduction using pre-conditioned stock.

### 3.7 Workmanship

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

### 3.8 Environmentally Preferable Purchasing (EPP)

- 3.8.1 The product shall contain 100% Postconsumer Recycled Content (PCRC) or a minimum of 30% PCRC.
- 3.8.2 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.