

## INTRODUCTION

Each item of paper is identified by a paper code which indicates both class and grade. For example, *JCP A60*, where “A” is for the class of paper **printing paper**, and “60” for the grade **offset book**. The numerical identification of each item of paper as applied by Federal Supply Catalog (*FSC*) practices is included when available.

The use of optical (fluorescent) brighteners is prohibited in only a few grades, such as 50 and 100% cotton/linen content papers and optical scanner bond papers.

There are 16 classes of papers which are summarized below and in greater detail in Table 1. Those standards containing an alkaline paper option or *Option A* are marked with an (A) and permanent or archival papers with a (P). The table also shows the paper weight options and recycled fiber content of the grade.

The 16 classes of paper are as follows:

A. Printing Paper.	F. Manifold Paper.	K. Index Paper.	P. Tag Board.
B. Mimeograph Paper.	G. Bond Paper.	L. Cover Paper.	Q. Cardboard.
D. Writing Paper.	H. Parchment Paper.	N. Kraft Paper.	R. Miscellaneous Board.
E. Map Paper.	J. Ledger Paper.	O. Miscellaneous Paper.	V. Envelope Stock.

Terms used to describe paper and the characteristics of the paper stocks are listed below. Headings preceded by an asterisk (\*) are covered under Part 2. Testing Standards and Definition of Terms.

<ul style="list-style-type: none"> <li>*Abrasion.</li> <li>*Absolute Moisture.</li> <li>*Acidity (pH).               <ul style="list-style-type: none"> <li>Hot.</li> <li>Coating.</li> <li>Cold.</li> </ul> </li> <li>Adhesive Quality.</li> <li>*Alkaline Paper.</li> <li>*Alpha Cellulose.</li> <li>*ANSI.               <ul style="list-style-type: none"> <li>Basis Weight (see Grammage).</li> </ul> </li> <li>*BCTMP.</li> <li>*Bleached.</li> <li>*Blocking.</li> <li>*Brightness.</li> <li>*Bursting Strength.               <ul style="list-style-type: none"> <li>Calcium Carbonate (see Filler).</li> </ul> </li> <li>*Chemical Pulp.</li> <li>*Chlorine-Free.               <ul style="list-style-type: none"> <li>ECF.</li> <li>TCF.</li> </ul> </li> <li>Coating.               <ul style="list-style-type: none"> <li>Coating and Surface.</li> <li>Chain Marks.</li> <li>Cleanliness (see Dirt).</li> </ul> </li> <li>*Color.</li> <li>*Conditioning for Testing.               <ul style="list-style-type: none"> <li>Construction.</li> </ul> </li> <li>*Copper Number.</li> <li>Copying Quality.</li> <li>*Cotton Fiber Paper.</li> </ul>	<ul style="list-style-type: none"> <li>Curl.</li> <li>*Dealing with               <ul style="list-style-type: none"> <li>Outlying Test Determinations.</li> </ul> </li> <li>*Defects in Paper               <ul style="list-style-type: none"> <li>by Visual Examination.</li> </ul> </li> <li>*Density.</li> <li>*Dirt.               <ul style="list-style-type: none"> <li>English Equivalent.</li> </ul> </li> <li>*Equilibrium Relative Humidity.</li> <li>*Erasing Quality.</li> <li>*Executive Order 13101.               <ul style="list-style-type: none"> <li>Fiber Analysis (see Stock).</li> </ul> </li> <li>*Filler.               <ul style="list-style-type: none"> <li>Finish.</li> </ul> </li> <li>*Flap Adhesive.               <ul style="list-style-type: none"> <li>Fluorescence (See Optical Brighteners).</li> </ul> </li> <li>*Folding Endurance.               <ul style="list-style-type: none"> <li>MIT.</li> <li>Schopper.</li> </ul> </li> <li>*Formaldehyde.               <ul style="list-style-type: none"> <li>Formation.</li> <li>General Appearance.</li> </ul> </li> <li>*Gloss.               <ul style="list-style-type: none"> <li>20 degrees.</li> <li>75 degrees.</li> <li>Grain (see Machine Direction).</li> </ul> </li> <li>*Grammage.</li> </ul>	<ul style="list-style-type: none"> <li>*Groundwood Pulp.</li> <li>*Ink Absorbency.</li> <li>*Light Transmission.</li> <li>*Lignin.</li> <li>*Machine Direction.</li> <li>*Metric Conversion Act.</li> <li>*Metric Equivalent.               <ul style="list-style-type: none"> <li>Mill Inspection.</li> </ul> </li> <li>*Mimeograph Quality.</li> <li>*Minimum Content Standards.</li> <li>*NISO.</li> <li>*Oil Holdout (of Coating).</li> <li>*Oil Penetration.</li> <li>*Opacity.</li> <li>*Optical Brightener.               <ul style="list-style-type: none"> <li>Outliers (see Dealing with . . .).</li> <li>Paper Defects (see Defects in . . .).</li> </ul> </li> <li>*Permanent Paper.</li> <li>*Pick Resistance.</li> <li>*PMU</li> <li>*Porosity.</li> <li>*Postconsumer Fiber.</li> <li>*Postconsumer Recovered Paper.               <ul style="list-style-type: none"> <li>Pressroom Conditions.</li> <li>Recovered Material.</li> </ul> </li> <li>*Recycled Content Paper.</li> <li>*Reflectance Drop.               <ul style="list-style-type: none"> <li>Roll Winding.</li> </ul> </li> </ul>	<ul style="list-style-type: none"> <li>Rosin (see Sizing).</li> <li>Ruling Quality.</li> <li>*Sampling (and Testing).               <ul style="list-style-type: none"> <li>Size.</li> <li>Size and Trim.</li> </ul> </li> <li>*Sizing.</li> <li>*Smoothness.               <ul style="list-style-type: none"> <li>Sorting.</li> </ul> </li> <li>*Speck.</li> <li>*Stiffness.               <ul style="list-style-type: none"> <li>Gurley.</li> <li>Taber.</li> </ul> </li> <li>*Stock.               <ul style="list-style-type: none"> <li>Surface.</li> </ul> </li> <li>*Tearing Strength (Resistance).</li> <li>*Tensile Strength.               <ul style="list-style-type: none"> <li>Test Results (see Dealing with . . .).</li> </ul> </li> <li>*Thickness.</li> <li>*Thread Count.</li> <li>*Unbleached.               <ul style="list-style-type: none"> <li>Use Information.</li> </ul> </li> <li>*Vegetable-Fiber Paper.</li> <li>*Wastepaper.</li> <li>*Watermark.</li> <li>*Water Resistance.</li> <li>*Wet Burst (see Burst).</li> <li>*Wet Tensile Strength (see Tensile Strength).</li> <li>*Writing Quality.</li> </ul>
---	---	---	--