

Use information: This paragraph is informational only and is not exclusively definitive of the end use.

For offset printing face and back. Generally for use on multiple copies of forms, etc.; eliminates the need for carbon paper. Printed matter includes text, line, and rules.

Stock: Free from groundwood pulp and any polychlorinated biphenyls.

Note: Not less than 30 pct postconsumer fiber. Any percent over 30 percentage points, is encouraged, provided that the requirements of this Standard are met.

	¹ <u>CB</u>	<u>CFB</u>	<u>CF</u>
Grammage (g/m ²)	² 55	54	55
Basis weight: 17 by 22 inches, 500 sheets (pounds)	15	14.5	15
A tolerance of ±5 pct shall be allowed.			
Opacity: ³ Average, not less than (percent)	81	81	81
No individual specimen shall average less than (percent)	79	79	79
Thickness: ³ Average (mm)	0.075	0.065	0.070
Equivalent (inch)	0.0030	0.0026	0.0028
A tolerance of ±0.011 mm (0.0004 inch) shall be allowed. Paper shall be uniform and shall not vary more than 0.011 mm (0.0004 inch) from one edge to the other.			

Ruling and writing qualities: Lines ruled and characters written with ball point and felt tip pens on the face of the CB part shall be clear cut and free from excessive feathering.

Performance (reproducibility): Each part in a set shall be legible and the characters can be clearly read when written on the CB part with pencil, ball point pen, or with any impact typewriter. The images shall be permanent.

General appearance: Paper shall conform to the standard sample(s) adopted by the Government.

Color: The paper in the order (or publication) shall be uniform with a target brightness of the white paper not less than 79 pct. The color variation shall not exceed DE(CIELAB)=1.0.

For colored stock, paper shall match one of the established standards. Standards are blue, buff, green, goldenrod, pink, salmon, or yellow. Colors shall not fade and shall appear even and uniform on the surface of the sheet. When a match to a Government color standard has not been specified, the commercial standards for these colors or white are applicable. Color coordinates for selected standards are included in Part 3.

Finish and formation: Shall be uniform.

Cleanliness: The dirt count for each side of the paper shall not exceed 650 specks per square meter. No sample sheet (600 to 650 cm² in size) shall contain more than one defect with an equivalent area of 0.25 mm² or greater.

Sampling and testing: Shall be conducted in accordance with standards in Part 2, *Government Paper Specification Standards*.

Unless otherwise specified, the following is automatically waived when printing or duplicating is to be accomplished on commercial contract

Sizing: Paper shall be surface- and internal-sized suitable for satisfactory printing on both sides of the paper on high-speed offset presses equipped with continuous flow or brush dampening systems.

Surface: Shall be free from lint, fuzz, or any particles which will pick, lift, fluff, or pile on the blanket under normal press conditions. Paper shall lie flat with either no tendency to curl or with a curl which can be overcome under reasonable working conditions.

Size and trim: Sheets Paper shall be furnished in the size(s) ordered and shall be flat, trimmed square on four sides with clean smooth edges, and evenly jogged. A tolerance of ±2 mm (1/16

inch) shall be allowed except for sheets 216 by 356 mm (8½ by 14 inches) or less; then a tolerance of ±1 mm (1/32 inch) shall be allowed. Successive sheets within any package shall not differ from each other by more than 0.5 mm (1/64 inch). Paper with the long dimension 813 mm (32 inches) or less shall be considered square if the variation does not exceed 1 mm (1/32 inch); over 813 mm (32 inches), 2 mm (1/16 inch).

Grain: Direction of the grain on flat paper shall be as ordered.

Pressroom conditions: The bulk of this paper will be used in air-conditioned pressrooms maintained at 24°C ±2°C and 45 pct ±8 pct relative humidity.

¹CB=Coated back; CFB=Coated face and back; and CF=Coated face. Coating contains microscopic capsules of a colorless dye solution.
²For grammages (basis weights), other than the ones listed in this standard, the following applies: "Postconsumer fiber, in any percentage, is encouraged, provided that the requirements of this Standard are met." Should a PC content be desired on grammages other than the ones listed in this standard, that number will be stated in the procurement document.
³The opacity and thickness requirements in this standard apply only for the above grammages.