

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

For face and back offset printing of file folders, etc., requiring strength and durability. Printed matter may include text, line illustrations, and solid reverses.

Stock: 100 pct sulphate pulp.

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.

Grammage (g/m ²)	170	245	270	405
Basis weight: 24 by 36 inches, 500 sheets (pounds)	105	150	165	250

A tolerance of ±10 pct shall be allowed.

Thickness: Average (mm)	0.20	0.28	0.35	0.45
Equivalent (inch)	0.008	0.011	0.014	0.018

A tolerance of ±0.025 mm (0.001 inch) shall be allowed.

Stiffness: Gurley, average, not less than—

Machine direction (mg)	2,000	5,000	6,000	14,000
Cross direction (mg)	800	1,500	2,000	7,500

Tearing strength: Average, not less than—

Machine direction (mN)	1,470	2,450	3,430	3,920
Cross direction (mN)	1,960	2,940	3,920	4,900

Equivalent—

Machine direction (grams)	150	250	350	400
Cross direction (grams)	200	300	400	500

Ruling and writing qualities: Lines ruled and characters written with pen and ink shall be clear cut and free from excessive feathering.

General appearance: The color, finish, and cleanliness shall conform to the standard sample(s) adopted by the Government.

Color: The color of the paper/board in the order (or publication) shall be as specified uniform with color variation not to exceed DE(CIELAB)=1.0.

For colored stock, paper/board shall match the one of the established standards or specified by the agency. The commercial color standard is applicable, unless specified that the color shall conform to the Government standard. Colors shall not fade or transfer (rub off) and shall appear even and uniform on the surface of the paper/board.

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

Curl: Paper/board shall lie flat with either no tendency to curl or with a curl which can be overcome under reasonable working conditions.

Surface: Shall be free from lint, fuzz, or any particles which will pick, lift, fluff, or pile on the blanket under normal press conditions.

Size and trim: Paper/board 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. Successive sheets within any package shall not differ from each other by more than 0.5 mm (1/64 inch). Paper/board 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/board shall be as ordered.

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