

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

For multicolor face offset printing of folders, brochures, tent cards, and covers for books, periodicals, etc. Has good strength for scoring, folding, and die cutting. Printed matter may include text, line illustrations, and halftones up to 150-line screen.

Stock: Groundwood pulp, not to exceed 1 pct.

Note: Not less than 10 pct postconsumer fiber. Any percent over 10 percentage points, is encouraged, provided that the requirements of this Standard are met.

	<i>8pt</i>	<i>10pt</i>	<i>12pt</i>	<i>15pt</i>	<i>24pt</i>
Bursting strength: Average, not less than (kPa)	270	340	410	480	820
Equivalent (lb/in ²)	40	50	60	70	119

Tearing strength: Average, each direction, not less than (mN)	730	980	1,170	1,270	1,760
Equivalent (grams)	75	100	120	130	180

Thickness: Average (mm)	0.20	0.26	0.31	0.38	0.61
Equivalent (inch)	0.008	0.010	0.012	0.015	0.024

A tolerance of ±0.013 mm (0.0005 inch) shall be allowed for the 8-point paper; ±0.020 mm (0.0008 inch) for the 10-, 12-, and 15-point; and ±0.026 mm (0.0010 inch) for the 24-point. Paper shall be uniform and shall not vary more than 0.011 mm (0.0004 inch) from one edge to the other.

Opacity: Average, not less than (percent)	90	91	92	94	94
No individual specimen shall average less than (percent)	88	89	90	92	92

Gloss (75°): Average, coated side, not less than (percent)	50	50	50	50	50
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Smoothness of coating: Average, coated side, not to exceed (units)	110	110	110	110	110
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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 the brightness not less than 81 pct. The color variation shall not exceed DE(CIELAB)=1.0.

Formation: Shall be uniform. The coating shall be uniformly applied; shall not be gritty, mottled, stippled, or ribbed in appearance; and shall not crack or flake off.

Cleanliness: The dirt count for the uncoated side of the paper shall not exceed 650 specks per square meter and 100 specks per square meter on the coated side. 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

Color: Shall match the Government's standard sample for color. A deviation of DE(CIELAB)=3.0 from the color standard is allowed.

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

Coating and surface: Shall be uniform, free from mottle and any particles which will pick, lift, or pile on the blanket under normal press 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.