

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

For face and back offset printing of long run books, pamphlets, magazines, periodicals, brochures, etc. Printed matter may include text, line illustrations, and halftones up to 150-line screen.

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

Acidity: pH value of coating shall average not less than 6.5.

Grammage (g/m²) 55
 Basis weight: 25 by 38 inches, 500 sheets (pounds) 38
 A tolerance of ±5 pct shall be allowed.

Bursting strength: Average, not less than (kPa) 70
 Equivalent (lb/in²) 11

Opacity: Average, not less than (percent) 89
 No individual specimen shall average less than (percent) 87

Thickness: Average (mm) 0.055
 Equivalent (inch) 0.0022
 A tolerance of ±0.013 mm (0.0005 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.

Gloss (75°): Average, each side, not less than (percent) 40

Smoothness of coating: Average, each side, not to exceed (units) 65

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 70 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 each side of the paper shall not exceed 100 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

Tensile strength: Average, not less than—
 Machine direction (kN/m) 1.7
 Cross direction (kN/m) 0.9
 Equivalent—
 Machine direction (kg/in) 4.2
 Cross direction (kg/in) 2.2

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: Rolls: Roll width and diameter shall be as ordered. A tolerance of ±2 mm (1/16 inch) shall be allowed for width and ±26 mm (1 inch) for diameter.

Roll winding: Roll paper shall be tightly wound at even tension and shall not contain more than the specified maximum number of splices per roll. The number of splices permitted per roll is determined by the roll diameter as ordered. On rolls 1,016 mm (40 inches) or less, a maximum of three splices per roll shall be allowed. On rolls over 1,016 mm (40 inches), a maximum of four splices per roll shall be allowed. Splices shall be neatly and securely overlap-pasted and made with a repulpable adhesive which will not permit the splice to separate. The adhesive may be applied from a tape form backing, provided the backing is removed, leaving only the adhesive component on the splice. The adhesive shall not cause the splice to adhere to adjacent laps. The tails of the splices shall be neatly and evenly removed without damage to adjacent laps. Splices shall be flagged at both ends with projecting colored markers, not pasted to the splice, or otherwise clearly marked.

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.