

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

For simultaneous face and back, blanket to blanket, web offset printing of books, pamphlets, catalog, periodicals, etc. Low bulk. Printed matter may include text, illustrations, and halftones up to 150-line screen halftones. Slitting, pasting, and/or cross perforating are included in press capabilities.

Stock: 100% cotton or linen fibers. No fluorescent (optical) brighteners shall be added to the pulp or paper during manufacture. Fluorescence, due to residual white water, broke, or natural fibers, is permissible; provided the increase in reflectance, measured with and without the ultraviolet component of a light source of 3100 kelvin in combination with a C.I.E. (International Commission on Illumination) Z (blue) filter, does not exceed 2.0%.

Note: Postconsumer fiber, in any percentage, is encouraged, provided that the requirements of this Standard are met.

Acidity: pH value, average, not less than 6.5

Basis weight: 17 by 22 inches,
500 sheets (pounds) 24 32 44
A tolerance of $\pm 5\%$ shall be allowed.

Bursting strength: Average
not less than (lb/in²) 50 70 90

Tearing strength: Average
each direction not less
than (grams) 50 65 90

Thickness: Average (mils) 4.0 5.3 7.3
A tolerance of ± 0.0005 inch shall be allowed. Paper shall be uniform and shall not vary more than 0.0004 inch from edge to edge.

Ruling and writing quality: Lines ruled and character written with ball point and felt tip pens shall be clear cut and free from excessive feathering.

Erasing quality: Paper shall retain good ruling, writing, and typing quality, texture, and surface appearance, without ink spreading after repeated erasure.

Watermark²: Shall be the seal of the United States, with four stars and year of manufacture, on the basis of four times on a sheet 17 by 22 inches, one in each quarter. The watermark shall be clear and legible. When viewed from the felt side of the sheet, the design shall appear as illustrated in Part 3 (Style C or F.)

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

Brightness: Shall target 80%.

Color: The paper in the order (or publication) shall be uniform and the color variation shall not exceed DE(CIELAB) = 1.0.

Formation: Shall be uniform.

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 equivalent area of 0.25 mm² or greater.

Testing: Shall be conducted in accordance with methods in part 2, *Government Paper Specification Standards*. The acceptance criteria Part 4 shall apply.

¹ This grade with the Government watermark is available in mill run quantities only.

² Full size copy will be provided upon request.