

Use Information: This paragraph is informational only and is not exclusively definitive of the end use. For highest quality offset printing and embossing of stationery, letterheads, certificates, citations, diplomas, etc. requiring execution with pen and ink, erasing quality, permanence and suitable for processing in a laser printer. The paper is restricted to printing of stationery for use by officials at the highest level of Government.

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

Acidity: pH value shall average not less than 6.5

Basis weight: 17 by 22 inches, 500 sheets
(pounds)..... 28
A tolerance of $\pm 5\%$ shall be allowed.

Bursting strength: Average, not less than
(lb/in²) 47

Writing quality: Characters written with pen and ink 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 erasures.

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

Curl: Paper shall lie flat before and after processing through a high-speed copier or laser printer with either no tendency to curl or with a curl, which can be overcome under reasonable working conditions.

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 81% or as specified.

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

Formation and formation: Shall be uniform.

Cleanliness: The dirt count for each side of the paper shall not exceed 250 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.

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

² Full size copy will be provided upon request.