

Use Information: This paragraph is informational only and is not exclusively definitive of the end use. For higher quality offset printing of stationery for use by officials at the higher levels of Government, requiring execution with pen and ink, erasing quality, and above average permanence; suitable for processing in laser printers. Printed matter may include text and line illustrations..

Stock: Not less than 50% cotton or linen fibers. Ground woodpulp, not to exceed 1%. 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: Not less than 50% total recovered fiber of which 30 percentage points shall be postconsumer fiber. Postconsumer fiber, in any percent over 30 percentage points, is encouraged, provided that the requirements of this Standard are met.

Basis weight: 17 by 22 inches,
500 sheets (pounds)..... 16 20 24
A tolerance of $\pm 5\%$ shall be allowed.

Folding endurance: Average not less than (MIT double folds) 60 75 85

Smoothness: Average each side not to exceed (Sheffield units) 370 to 325
Note: Any deviation in this requirement is sufficient cause for rejection of the paper.

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

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

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

Watermark²: Shall be the seal of the United States, with two 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 E.)

Curl: Paper shall like 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.

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

Brightness: Shall target 82% 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: 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.