

Use Information: This paragraph is informational only and is not exclusively definitive of the end use. For high quality offset printing of certificates, citations, diplomas, etc. requiring execution with pen and ink, erasing quality, and highest degree of permanence (archival quality) when specified; suitable for processing in laser printers. Printed matter may include text and line illustrations.

Stock: 100% bleached chemical woodpulp.
Note: Not less than 30% postconsumer fiber. 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)..... 47
A tolerance of ±5% shall be allowed.

Bursting strength: Average not less
than (lb/in²)..... 45

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.

Watermark: Paper shall not be watermarked.

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 not less than 60% 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.

Finish: Sheffield smoothness not to exceed 250 units each side.

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.

OPTION

Archival paper. This option is for products requiring permanence (archival quality). Add the following properties.

Acidity: pH value by cold extraction shall be not less than 7.5. The paper shall contain not less than 2% calcium carbonate.

Note: Any deviation in this requirement is sufficient cause for rejection of the paper.

Tearing strength: Average, each direction,
not less than (grams) 50 70 100

ANSI/NISO: Conformance to the standard Z39.48—1992 allows the printing of the infinity symbol (∞) in the document or publication.

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