

Use Information: This paragraph is informational only and is not exclusively definitive of the end use. For face and back multicolor offset printing of books, pamphlets, catalog, folders, circular, etc. The 40-pound stock may not be suitable for solid reverses or heavy halftones. The 80-pound paper is for use in printing posters and similar work and not for books, pamphlets, and the like. Printed matter may include text, illustrations, and halftones up to 150-line screen.

Stock: Ground wood pulp, not to exceed 1%. The total lignin content of the paper shall not exceed 3% of the fiber weight.

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: 25 by 38 inches,
500 sheets (pounds)..... 40 50 60 70 80
A tolerance of $\pm 5\%$ shall be allowed.

Bursting strength: Average, not less than (lb/in²) 13 15 18 22 25

Opacity: Average, not less than (percent) 86 89 91 92 94
No individual specimen shall average less than (percent) 84 87 89 90 92

Thickness: Average (mils)..... 3.0 3.9 4.7 5.5 6.3
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.

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.

Finish and formation: Shall be uniform.

Cleanliness: The dirt count for each side of the paper shall not exceed 650 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

Alkaline paper. This option is for products requiring above average permanence.

Stock: 100% bleached chemical wood pulp.
Note: Not less than 30% postconsumer fiber. Any percent over 30 percentage points, is encouraged, provided that the requirements of this Standard are met.

Acidity: pH value by cold extraction shall be not less than 7.0. The paper shall contain not less than 2% calcium carbonate.

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

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

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.

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