

Use Information: This paragraph is informational only and is not exclusively definitive of the end use. For face and back offset printing. To be used on an optical scanner.

Stock: 100% bleached chemical pulp. 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:*¹ Postconsumer fiber, in any percentage, is encouraged, provided that the requirements of this Standard are met.

	<u>White</u>	<u>Violet</u>	<u>Gray</u>
Dimensional stability: Shall not exceed (percent change) ...			
Machine direction010	0.10	0.10
Cross direction.....	0.25	0.25	0.25

Basis weight: 17 by 22 inches, 500 sheets (pounds) 21 21 21
A tolerance of ±5% shall be allowed.

Stiffness: Average each direction not less than (Gurley milligrams) 100 100 100

OR
(Taber, units) 1.2 1.2 1.2

Bursting strength: Average not less than (lb/in²) 25 25 25

Pick resistance: Average, each side, not less than 12-A Dennison wax number

Opacity: Average (percent) 82 to 85
Note: Opacity shall be uniform throughout the form.

Thickness: Average (mils) 4.5 4.5 4.5

Porosity: Average, not less than (seconds) 10

Smoothness: Average each side (Sheffield units) 200 to 100

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.

	<u>White</u>	<u>Violet</u>	<u>Gray</u>
L* =	94.4	89.8	70.0
a* =	-0.8	1.0	9.0
b* =	3.8	1.0	9.0

Formation: Shall be *extremely* uniform.

Cleanliness: The dirt count for each side of the paper shall not exceed 10 parts per million (ppm). 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 does not apply.

¹ For technological reasons, this grade currently may not be readily and/or economically available with postconsumer fiber content.