

Use information: This paragraph is informational only and is not exclusively definitive of the end use.

For the insertion of correspondences either manually or automated equipment. Suitable for letterpress and offset printing, processing in laser printers, automated mail sorting equipment. Printed matter may include text and line illustrations.

Stock: Not less than 25 pct cotton or linen fibers. Groundwood pulp, not to exceed 1 pct.

*Note:*¹ *Postconsumer fiber, in any percentage, is encouraged, provided that the requirements of this Standard are met.*

Grammage (g/m ²)	75	90
Basis weight: 17 by 22 inches, 500 sheets (pounds)	20	24
A tolerance of ±5 pct shall be allowed.		

Bursting strength: Average not less than (kPa)	130	160
Equivalent (lb/in ²)	20	24

Opacity: Average, not less than (percent)	85	86
No individual specimen shall average less than (percent)	83	84

Writing quality: Characters written with pen and ink shall be clear cut and free from excessive feathering.

Flap adhesive: The remoistenable adhesive on the sealing flaps of the envelopes shall have a minimum thickness of 0.015 mm (0.0006 inch), uniformly applied, and cover a minimum of 13 mm (0.5 inch) from the outer edge of the flap. Splits in the flap adhesive shall be no greater than 20 mm (¾ inch). The flap adhesive shall be capable of being quickly and securely sealed using 2.3 kg (5 pounds) pressure after moistening. When opened not less than 15 seconds or more than 20 seconds after sealing, the

flap shall pull fibers from the body of the envelope over the entire adhesive area.

The adhesive shall be able to resist the heat and pressure of common office laser printers, so the flap adhesive does not become soft and tacky causing the flap to stick to the body of the envelope.

General appearance: Envelopes shall conform to the standard sample(s) adopted by the Government.

Color: The envelopes in the order shall be uniform with a brightness of the white paper not less than 81 pct. The color variation shall not exceed DE(CIELAB)=1.0. When a match to a Government color standard has not been specified, the commercial standard for white is applicable.

Finish: Envelope stock shall have a light cockle finish.

Cleanliness: The dirt count for each side of the paper shall not exceed 250 specks per square meter. No envelope (up to 300 cm² is size) shall contain more than one obvious and objectionable foreign particles with an equivalent area of 0.25 mm² or greater on the face of the envelope. (The number of particles permitted is proportionately higher for larger envelopes.)

Sampling and testing: Shall be conducted in accordance with standards in Part 2, *Government Paper Specification Standards*.

Unless otherwise specified, the following is automatically waived when printing or duplicating is to be accomplished on commercial contract

Construction: Shall be specified by the ordering agency. (See drawings in Part 3.)

Size: The size of the envelope shall be as ordered. A tolerance of -2 mm, +4 mm shall be allowed. Dimensions are inside measurements.

Pressroom conditions: The bulk of these envelopes will be used in air-conditioned pressrooms maintained at 24 ±2°C and 45 ±8 pct relative humidity or offices with atmospheric conditions of 21 ±5.5°C and 50 ±20 pct relative humidity.

¹Note, recovered material (cotton/linen) is not a postconsumer recovered fiber.