

**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:** Groundwood pulp, not to exceed 1 pct; the remainder chemical pulp.

*Note: Not less than 30 pct postconsumer fiber. Any percent over 30 percentage points is encouraged, provided that the requirements of this Standard are met.*

<b>Grammage</b> (g/m <sup>2</sup> ) .....	75	90
Basis weight: 17 by 22 inches, 500 sheets (pounds) .....	20	24
A tolerance of ±5 pct shall be allowed.		
<b>Bursting strength:</b> Average, not less than (kPa)	130	160
Equivalent (lb/in <sup>2</sup> ) .....	20	24
<b>Opacity:</b> Average, not less than (percent) .....	86	87
No individual specimen shall average less than (percent) .....	84	85

**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 82 pct. The color variation shall not exceed DE(CIELAB)=1.0

For colored envelopes, paper shall match one of the established standards. Standards are blue, buff, green, pink, salmon, or yellow. Colors shall be pulp-dyed. When a match to a Government color standard has not been specified, the commercial standards for these colors and white are applicable. Color coordinates for selected standards are included in Part 3.

**Finish:** Envelope stock shall have a wove finish.

**Cleanliness:** The dirt count for each side of the paper shall not exceed 250 specks per square meter. No envelope (up to 300 cm<sup>2</sup> in size) shall contain more than two obvious and objectionable foreign particles with an equivalent area of 0.25 mm<sup>2</sup> 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*

**Color:** Shall match the Government's standard sample for color. A deviation of DE(CIELAB)=0.5 from the color standard is allowed.

For information only, the CIELAB values (Ill D65, 10° observer) of the color standard are

$$L^*=93.0$$

$$a^*=1.0$$

$$b^*=-2.0$$

**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.