

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

For face offset printing. Printed matter may include text and line illustrations.

Stock: White spunbonded polyethylene with the characteristics of DuPont's product No. 1073.

Note: Not less than 25 pct postconsumer material. Any percent over 25 percentage points, is encouraged, provided that the requirements of this Standard are met.

Grammage (g/m ²)	68
Basis weight: 17 by 22 inches, 500 sheets (pounds)	18
A tolerance of ±10 pct shall be allowed.	
Bursting strength: Average not less than (kPa)	960
Equivalent (lb/in ²)	140
Opacity: Average, not less than (percent)	87
Thickness of single layer of polyethylene: Average	
(mm)	0.18
Equivalent (inch)	0.007
A tolerance of ±0.03 mm (0.001 inch) shall be allowed.	

Construction: Center seam envelopes with one open end forming a sealing flap not less than 23 percent of the width of the envelope. The center seam shall overlap a minimum of 16 mm (5/8 inch) or 6 percent of the width of the envelope, whichever is greater. The width of the overlap of the bottom flap shall be not less than 10 percent of the width of the envelope, in no case shall this overlap be less than 21 mm (13/16 inch). The envelope may or may not have gussets as specified.

Flap adhesive: Shall have a pressure sensitive adhesive, (1) latex self seal or (2) with a removable strip-release liner system as specified by the ordering agency.

Latex self-seal: The sealing flap and the area on the back of the envelope which is covered by the sealing flap shall each be coated with a 38 mm (1½-inch) strip of pressure sensitive adhesive.

These adhesive strips shall contact each other when the envelope is sealed.

The cohesive force holding these flaps closed shall be not less than 0.15 kN/m (0.40 kg per linear inch) when measured by a 90½ tape pull (T-pull) at a constant rate of elongation of 20 mm/mm.

OR

Release liner adhesive: The sealing flap shall contain permanent type pressure sensitive adhesive and a suitable protective cover sheet, or at the contractor's option, may be a strip of transfer tape with not less than 25 mm (1-inch) wide adhesive.

Aggressiveness of adhesive must cause substrate damage upon opening envelope 12 hours after sealing. Adhesive must have functional characteristics of 3M's Scotch Y-9498.

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

Finish: Shall be similar to the commercial product Tyvek™.

Cleanliness: The dirt count for each side of the paper shall not exceed 250 specks per square meter. No envelope (up to 300 cm² in 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 as specified by the ordering agency as to whether "flat" or "gusseted" and with "latex self seal" pressure-sensitive adhesive or with a "removable strip" over the adhesive.

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

The size of the gusset shall be specified. A tolerance of +2 mm shall be allowed on the gusset.

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.