Folded Self-Mailer Reference Material

This documentation provides summarized information for the standards that Folded Self-Mailers (FSM) and specific Unenveloped mailpiece designs must meet to receive automation letter discounts. This reference material is divided into sections for ease-of-use. The primary section is titled "Folded Self-Mailer Decision Tree Design Matrix" with other sections to supplement it. This information is only a summarized reference tool; please refer to the FR Final DMM section 201.3.14 for official language to revised FSM standards and 201.3.15 for the specific Unenveloped mailpiece design standards.

6/24/2013

Definition - A folded self-mailer is formed of at least two panels created when a single or multiple unbound sheets of paper are folded together and sealed to form a letter-size mailpiece.

General Standards - this section portrays mailpiece design elements applicable to all FSM letter designs.

<u>Recommended Standards</u> - this section portrays elements that are not required, but are recommended to improve handling and/or physical integrity of the mailpiece.

Folded Self-Mailer Decision Tree Design Matrix - the matrix table is a summarized version of specification elements for Folded Self-Mailers (FSM). The 1st column is a list of basic and optional elements of a finished mailpiece. The 2nd column provides the standards for a **Basic FSM** format. The remaining columns identify optional features that may be incorporated into a **Basic FSM** design. The cell where rows and columns intersect portray, where applicable, standard(s) that differ from the **Basic FSM** due to utilization of an optional feature. Where a standard differs from the **Basic FSM** design, the cell background is highlighted light blue; if the standard does not change, it will state "Same as Basic FSM" and the cell background is highlighted yellow. N/A denotes the combination of elements or other feature not applicable to the finished mailpiece.

When a mailpiece contains multiple *optional design elements*, the standards in the rightmost column representing the utilized optional design apply to the mailpiece. ex: FSM has an internal attachment and Die-cutout; paper basis weight is 100lb which is the higher of the two optional elements.

<u>Illustrative Options of a Mailpiece</u> - this section provides illustration examples of variations for finished mailpieces. This list is not intended to portray every potential design for a finished mailpiece, nor is it meant to restrict mailpieces to look exactly like those shown.

Common Fold Methods*

Bi-fold: single sheet folded once in half forming two panels.

Tri-fold: single sheet folded twice forming three panels.

Quarter-fold: single sheet folded at least two times with the second fold at a right angle (perpendicular) to the preceding fold. One sheet of paper quarter-folded produces four panels.

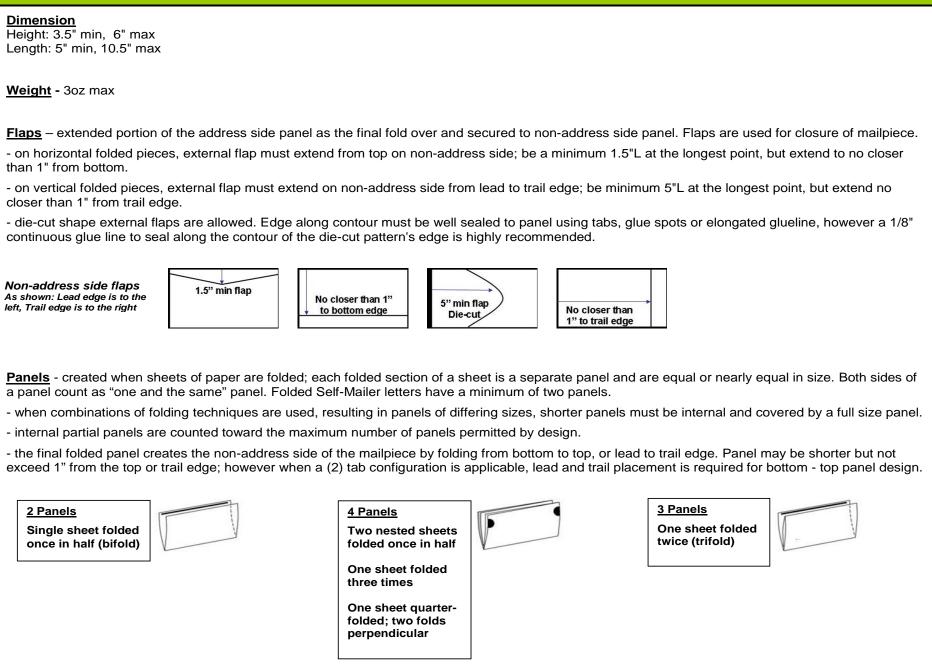
Oblong: mailpiece with fold(s) vertical to length of letter. Final fold must be on lead edge.

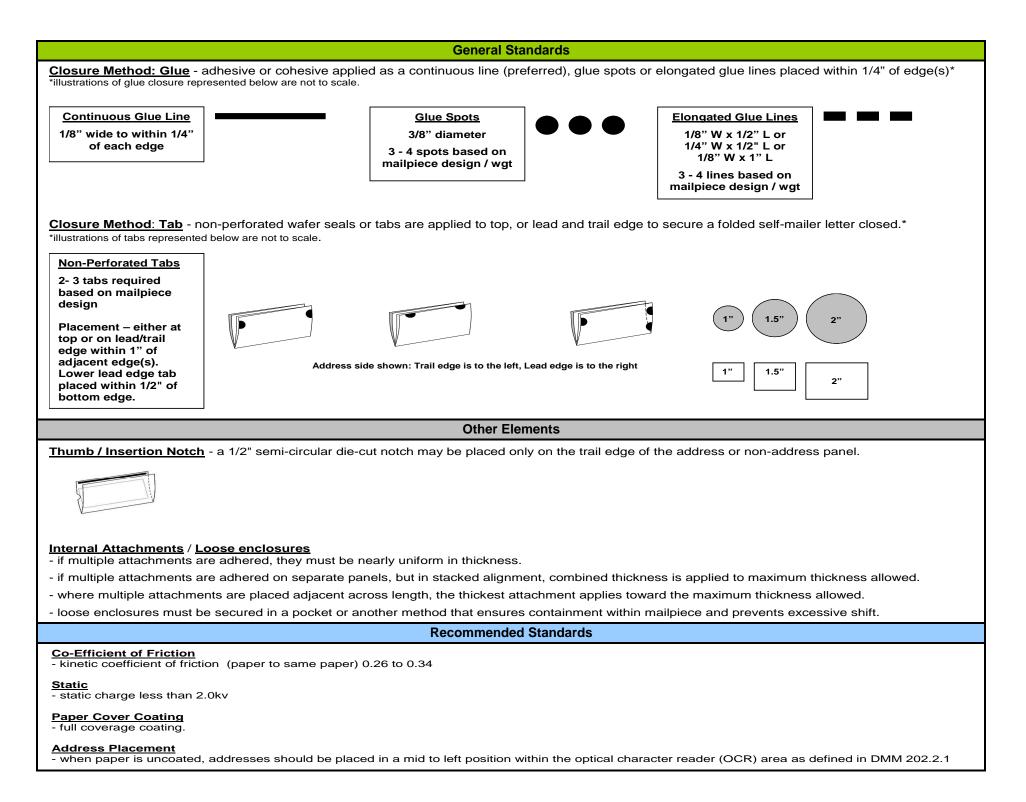
* When a folded self-mailer is made of multiple sheets, multiply the number of sheets by the number of panels created when folding a single sheet to determine the number of panels in the finished multi-sheet folded self-mailer. e.g. (3) sheets of paper folded once in half (2 panels) = (6) total panels. Both sides of a panel count as "one and the same" panel.

Paper Basis Weights

Standards for paper are based on Book Grade (Offset, Text) as represented in Exhibit 3.2 located in DMM section 201.3.2

General Standards





	Folded Self-Mailer Standards - Decision Tree Design Matrix						
DMM 201.3.14-15 must be	Paris 50M		Optional Mailpiece Desig	n Elements (per DMM 201.3.14*)		Tear-off Opening Device on	
referenced for official standards	Basic FSM	Quarter-Fold	Interior Attachments or Loose Enclosures in Pocket	Perforations on Cover Non-Address Side Only	Die-Cutout Windows on Cover Address or Non-address Side	Lead and/or Trail Edge (Unenveloped per DMM 201.3.15.2)	
Paper Basis Weight Book Grade (min) (Text, Offset)	70lb up to 1oz 80lb over 1oz	70lb up to 1oz 80lb over 1oz Newsprint - 55lb minimum and only allowed with the Quarter-fold design	80lb up to 1oz 100lb over 1oz	100lb up to 1oz 120lb over 1oz	100lb up to 1oz 120lb over 1oz	60lb min 80lb recommended if over 1oz or contains inserts	
Fold Style / Orientation	Horizontal - final fold on bottom Full panel folded up to top on non-address side or External flap folded down from top of non- address side. Vertical (Oblong) - final fold on Lead edge to non-address side Trail edge	Quarter-Fold - first fold at Lead edge; final fold on bottom edge	Same as Basic FSM or *Open-Sleeve (Unenveloped - 201.3.15.1) - two symmetrical horizontal panels sealed together along top & bottom using 1/8" continuous glue line. If flaps are used they must be 1.5" min inner flaps glued together.	Same as Basic FSM	Same as Basic FSM or *Open-Sleeve (Unenveloped - 201.3.15.1) - two symmetrical horizontal panels sealed together along top & bottom using 1/8" continuous glue line. If flaps are used they must be 1.5" min inner flaps glued together.	N/A	
Closure Method - Glue (outermost spots or lines must be within 1/4" of edges) Not applicable with nested sheets	Up to 1oz - 1/8" W continuous glue line or (3) 3/8" spots or (3) elongated glue lines 1/8" W x 1/2" L Over 1oz - 1/8"W continuous glue line or (4) 3/8" spots or (4) elongated glue lines 1/8" W x 1" L or 1/4" x 1/2"	N/A Glue seal method cannot be used on this mailpiece	Up to 1oz - 1/8"W continuous glue line or (4) 3/8" spots or elongated glue lines 1/8" W x 1/2" L Over 1oz - same as Basic FSM over 1oz standard	Up to 1oz - 1/8"W continuous glue line or (4) 3/8" spots or elongated glue lines 1/8" W x 1/2" L Over 1oz - same as Basic FSM over 1oz standard	Up to 1oz - 1/8"W continuous glue line or (4) 3/8" spots or elongated glue lines 1/8" W x 1/2" L Over 1oz - same as Basic FSM over 1oz standard	Seal unfolded edges. A perforated horizontal line joining the Lead and Trail edge perforation is allowed. Cannot extend out to edge.	
(Non-Perforated)	Up to 1oz - (2) 1" tabs Over 1oz - (2) 1.5" tabs Placement: Tabs can be placed on top within 1" of Lead/Trail edge or on Lead/Trail edge within 1" of top edge	Up to 1oz - (2) 1" tabs; (1.5" if Newsprint); over 1oz - (2) 1.5" tabs Tabs placed either on Top within 1" of Lead/Trail edge or on Lead/Trail edge within 1" of Top; Newsprint 1oz - (3) 1.5" tabs placed: (2) on Lead edge - one within 1" of Top, one 1/2" from bottom and 3rd tab on Trail edge within 1" of Top		Up to 1oz - (2) 1.5" tabs placed either on Top within 1" of Lead/Trail edge or on Lead/Trail within 1" of Top edge; Over 1oz - (2) 2" tabs placed either on Top within 1" of Lead/Trail edge or on Lead/Trail within 1" of Top edge or (3) 1.5" tabs with (2) placed on Lead edge - one within 1" of top, one 1/2" from Bottom and 3rd tab on Trail edge within 1" of Top		N/A Tabs are not used on this mailpiece	
Host Piece Panels	2 min to 12 max	4 min to 12 panels max except Newsprint - 8 min to 24 panels max	Same as Basic FSM	Same as Basic FSM	Same as Basic FSM	N/A	
Interior Attachment / Loose Enclosure Thickness	NA	Internal attachment: .012 max, secured .5" from all edges Reply envelope incorporated within first fold to prevent separation from mailpiece	.05" when total piece weight is up to 1oz .09" when total piece weight is over 1oz Attachment(s) must be secured .5" min from all edges. Loose enclosures (paper) must remain secure in pocket or other containment method (pocket does not count as a panel)	05" when total piece weight is up to 1oz .09" when total piece weight is over 1oz Attachment(s) must be secured .5" min from all edges. Loose enclosures (paper) must remain secure in pocket or other containment method (pocket does not count as a panel)	.05" when total piece weight is up to 1oz .09" when total piece weight is over 1oz Attachment(s) must be secured .5" min from all edges. Loose enclosures (paper) must remain secure in pocket or other containment method (pocket does not count as a panel)	N/A	
Perforations	NA	N/A When newsprint paper is used on this mailpiece	Pull-Open Vertical Strip: 5" clear zone (non-pert) from Lead edge and 2" from Trail edge -or - Pull-Open Horizontal Strip in flap: 1" clear zone from Top edge Lead/Trail edge sealed to within 1" of Top 1mm Cut (max) to 1mm Tie (min) ratio or Dual line tear-strip - spaced 1/2" - 1" apart "Pop-Out Pane - full perimeter perforation 4" max size 1" clear zone (non-pert) from all edges Multi-panels, must space 1" apart 1" clear zone (non-pert) from all edges Multi-panels, must perform all edges Multi-panels, must perform all edges Multi-panels, must be spaced 1" apart 1" dear zone (non-pert) from all edges Multi-panels, must be spaced 1" apart 1" mm Cut (max) to 1mm Tie (min) ratio "Rectangle, Square, Circle, Oval shape	Pull-Open Vertical Strip: 5" clear zone (non-perf) from Lead edge and 2" from Trail edge -or - Pull-Open Horizontal Strip in flap: 1" clear zone from Top edge Lead/Trail edge sealed to within 1" of Top 1mm Cut (max) to 1mm Tie (min) ratio or Dual line tear-strip - spaced 1/2" - 1" apart "Pop-Out Pane - full perimeter perforation 4" max size 1" clear zone (non-perf) from all edges Multi-panels, must be apaced 1" apart 1" clear zone (non-perf) from all edges Multi-panels, must be spaced 1" apart 1" clear zone (non-perf) from all edges Multi-panels, must be spaced 1" apart 1" mm Cut (max) to 1mm Tie (min) ratio "Rectangle, Square, Circle, Oval shape	N/A Die-cutout and perforation elements on exterior panel cannot be combined on this mailpiece	Tear-off strips 9/16° max width Up to 1oz - 1mm Cut(max) to 1mm Tie(min) ratio recommended Over 1oz - 1mm Cut(max) to 2mm Tie(min) ratio recommended	
Die-cutout	NA	N/A When newsprint paper is used	One Address window - up to 2"H x 4"L or (1) to (2) die-cut holes on (1) external panel - must be placed at least 1.5" apart - circular with a 2" max diameter - rectangular; 1.5" H x 2"L with .25" radius corners Die-cut holes on non-address side must be at least 5" from Lead & 1.5" from other edges.	N/A Perforations and die-cutout elements on exterior panel cannot be combined on this mailpiece	One Address window - up to 2"H x 4"L or (1) to (2) die-cut holes on (1) external panel - must be placed at least 1.5" apart - circular with a 2" max diameter - rectangular; 1.5" H x 2"L with .25" radius corners Die-cut holes on non-address side must be at least 5" from Lead & 1.5" from other edges.	N/A	

