

15.2.1 Pack Details

Pack Thickness

Standard Inserter:	All envelopes up to 6mm (15/64")
With Max Pack licence:	All envelopes up to 10mm (25/64")

Note:

Max. pack thickness is defined as the internal dimension of a rigid opening that a filled envelope will fall through under its own weight.

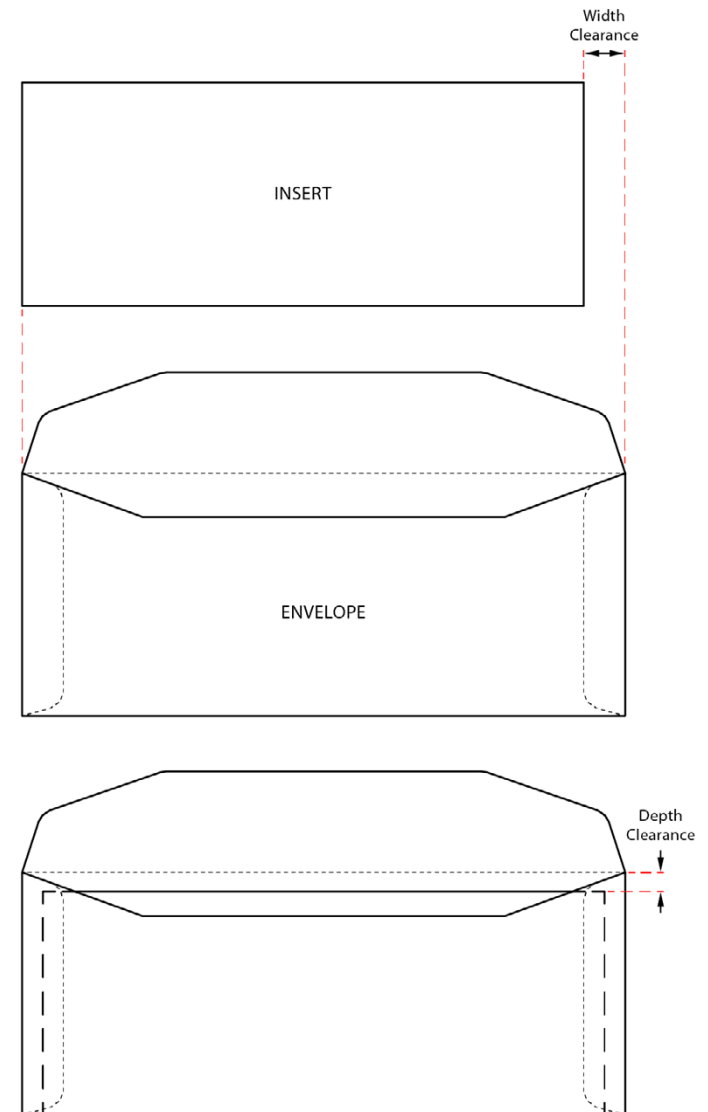
Pack Clearance

The minimum clearances required between the inserts and envelopes are dependent on the insert pack thickness.

Clearance is the total clearance and is defined as the difference between the largest overall dimensions of the pack and the internal dimensions of the envelope as shown in Figure 15.1.

The required clearances are summarised as follows:

Up to 3mm:	Depth 6mm (1/4") - Width 16mm (5/8")
3mm to 10mm:	Depth 12mm (1/2") - Width 19mm (3/4")



QTL-RND-GEN-0000093-A-00

Figure 15.1 - Pack clearance

15.2.2 Envelope Details

Envelope Weight

C5 Envelopes (or below):	Min. 70gsm (18lbs bond)
	Max. 110gsm (28lbs bond)
Above C5 Envelopes:	Min. 90gsm (24lbs bond)
	Max. 110gsm (28lbs bond)

Envelope Requirements

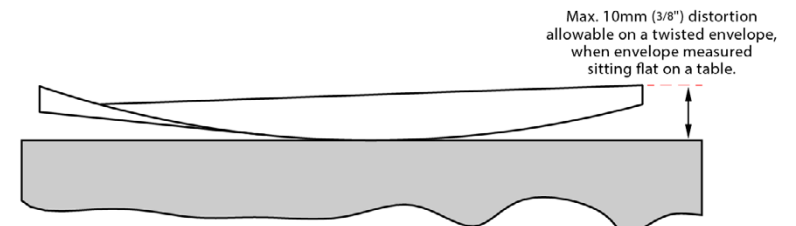
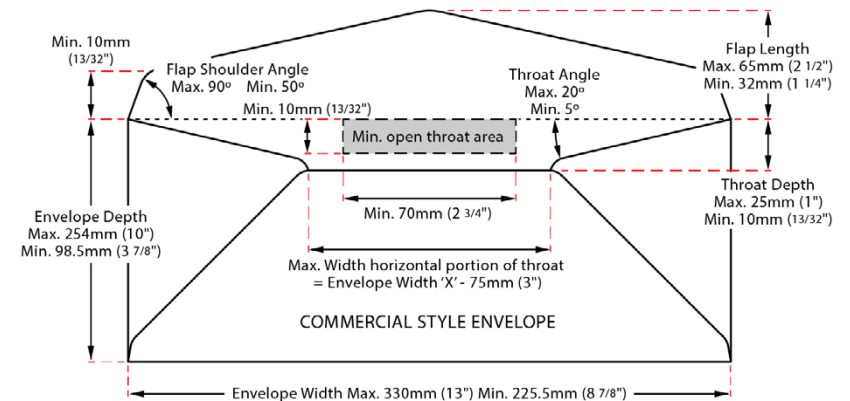
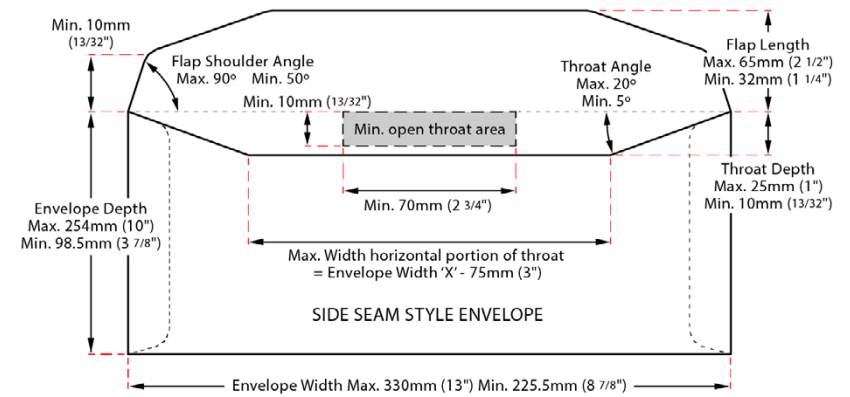
- Envelope to be of good quality machine-fill type
- Dimensions and quality to be consistent across manufactured batches
- Side seams must be securely glued to the top of the seam
- Flap crease must be pre-scored to enable the envelope flap to open flat

Note:

Flap length > 48mm reduces the machine speed.

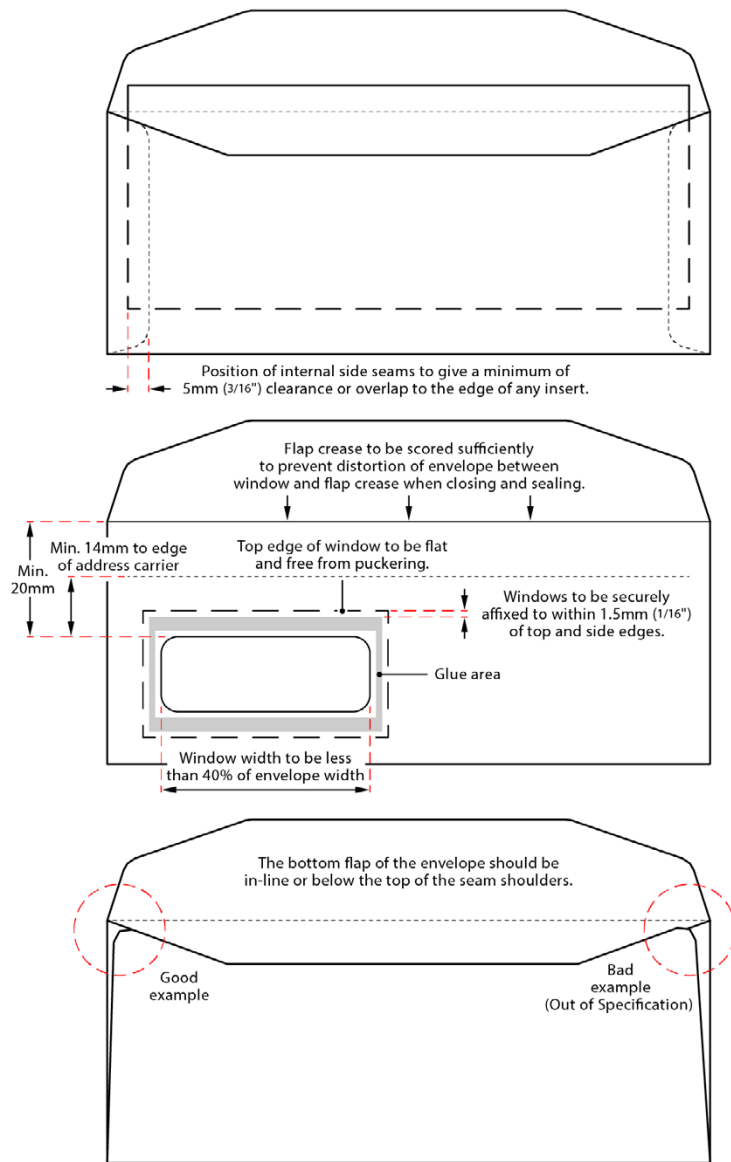
- No glue seepage must be evident on the interior or exterior of the envelope

Observe the envelope specifications as shown in Figure 15.2 and Figure 15.3.



QTL-RND-GEN-00000094-A-00

Figure 15.2 - Envelope specifications



QTL-RND-GEN-00000095-A-00

Figure 15.3 - Envelope specifications

15.3 Versatile Feeder Specifications

Hopper Capacity

A4 Documents unfolded:	Up to 1000 of 80gsm (20lbs bond)
A4 Documents (Z-Fold):	Up to 500 of 80gsm (20lbs bond)
Booklets:	Up to 250 (2.4mm)
C6/5 Envelopes:	Up to 500

Note:

Quantities shown above are maximum figures. Depending upon other conditions, actual quantities may be lower than those shown.

15.3.1 Enclosure Details

Enclosure Size

Width:	Min. 148mm (5¾")
	Max. 305mm (12")

Note:

Min. pack width for individual items is 210mm (8¼").

Length:	Min. 76mm (3") for Station 1
	Min. 89mm (3½") for Stations 2 to 8 (non-reading units)
	Max. 216mm (8½")

Note:

Max. suggested width difference between inserts is 32mm (1¼"). This may be increased subject to testing. If this difference is exceeded, the insertion fingers will not cover the edges of the narrow insert and may cause insertion problems. Sandwiching a narrow insert between two wider ones may resolve this problem.

Enclosure Weight

Min: 75gsm/80gsm (20lbs bond)
 Max: 6mm (1/4") thickness

Enclosure Requirements

- Enclosures must be flexible enough to suit path constraints.
- Some enclosures may require special tyres.

15.3.2 Versatile Feeder Cycling Speeds

Envelope	Document	Fold type	5K Speed 8K Accum.	5K Speed 14K Accum.	7K Speed 8K Accum.	7K Speed 14K Accum.
C4 (324mm)	1 x A4	N/A	3,550	3,550	5,150	5,250
C4 (324mm)	8 x A4	N/A	800	800	800	800
C4 (324mm)	10 x A4	N/A	625	625	625	625
C4 (324mm)	15 x A4	N/A	425	425	425	425

Note:

Figures calculated as units per hour.

15.4 Feeder Folder Specifications**Hopper Capacity**

Up to 500 sheets of 80gsm (20lbs bond).

Note:

Quantities shown above are maximum figures. Depending upon other conditions, actual quantities may be lower than those shown.

15.4.1 Feeder Folder Paper and Fold Details**Paper Size**

Width: Min. 140mm (5½")
 Max. 229mm (9")

Depth: Min. 140mm (5½")
 Max. 406mm (16")

Depth of output document: Min. 89mm (3½")
 Max. 152mm (6")

Note:

Folded and non-folded documents must fall within the depth of output sizes for successful processing through the unit.

Paper Weight

Min: 60gsm (16lbs bond)
 70gsm (18lbs bond) for OMR / Barcode paper
 Max: 120gsm (32lbs bond)