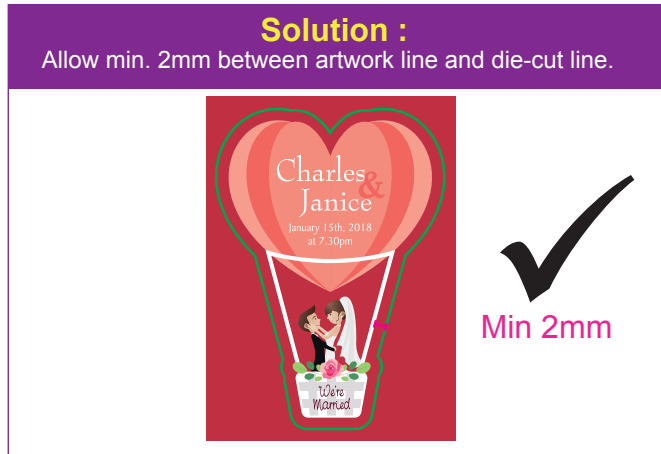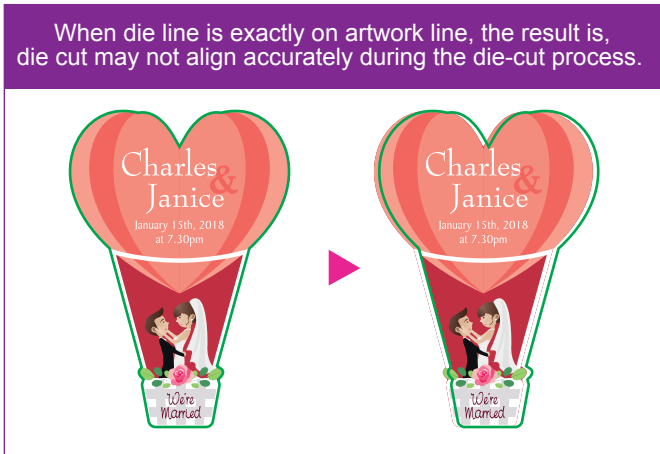# DIE LINE PRECAUTION FOR CUSTOM DIE CUT
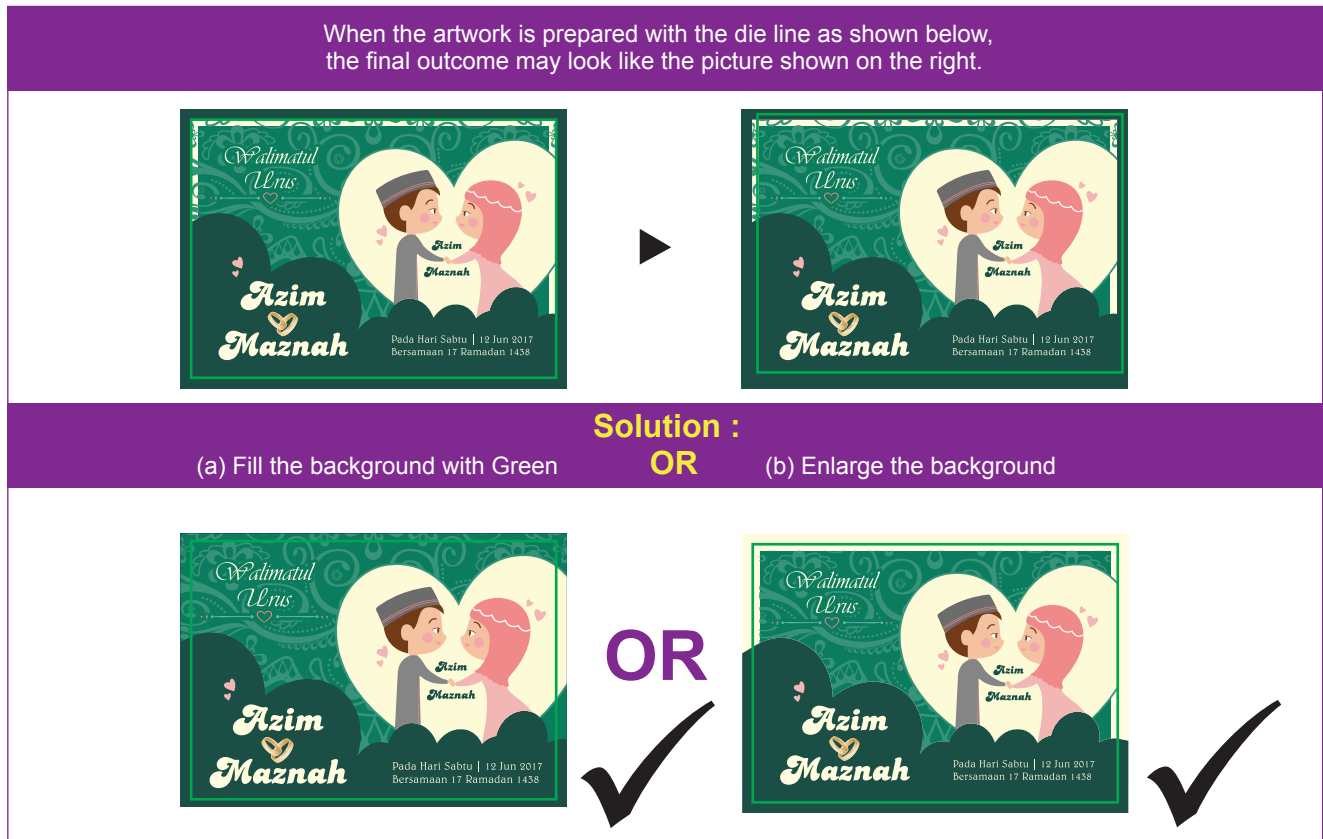
Cutting Edge Tolerance: + - 1mm

Below are mis-registration scenario that can be happen during the die-cut process when die line is not correctly placed, as + - 1mm cutting edge tolerance has to be taken into consideration.

▶ **Scenario 1**: What happens when die line falls exactly on the artwork line

When die line is exactly on artwork line, the result is, die cut may not align accurately during the die-cut process.	**Solution :** Allow min. 2mm between artwork line and die-cut line.

▶ **Scenario 2:**

What happens when die line is exactly on different colour background.

When the artwork is prepared with the die line as shown below, the final outcome may look like the picture shown on the right.

Solution :

(a) Fill the background with Green   **OR**   (b) Enlarge the background
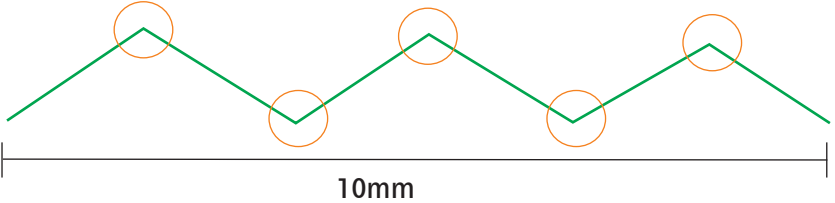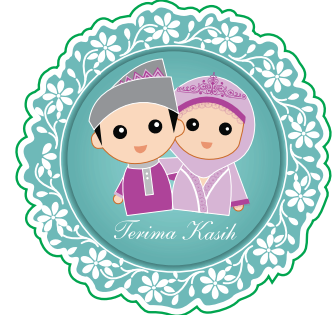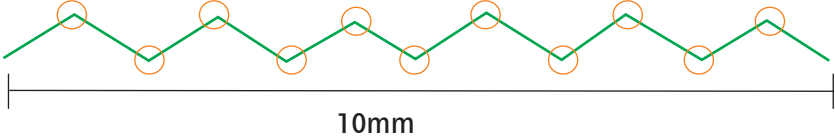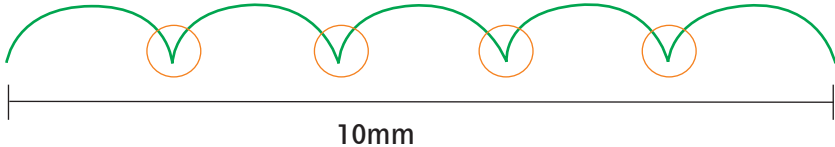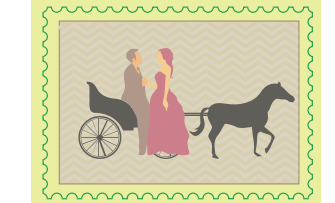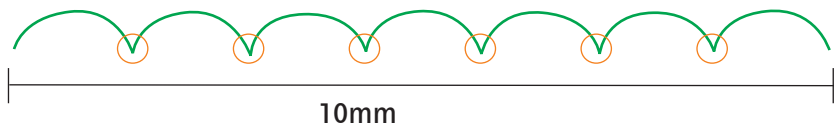

* Member is advised to revise artwork when these problems are detected.
* Excard shall not be held liable for any of defect in printing outcome due to artwork sent not correctly prepared as advised.

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GAP BETWEEN MULTI-EDGES DIE LINE

How to define "Multi-Edges Die Line" - More than 5 cutting edges within 10mm.

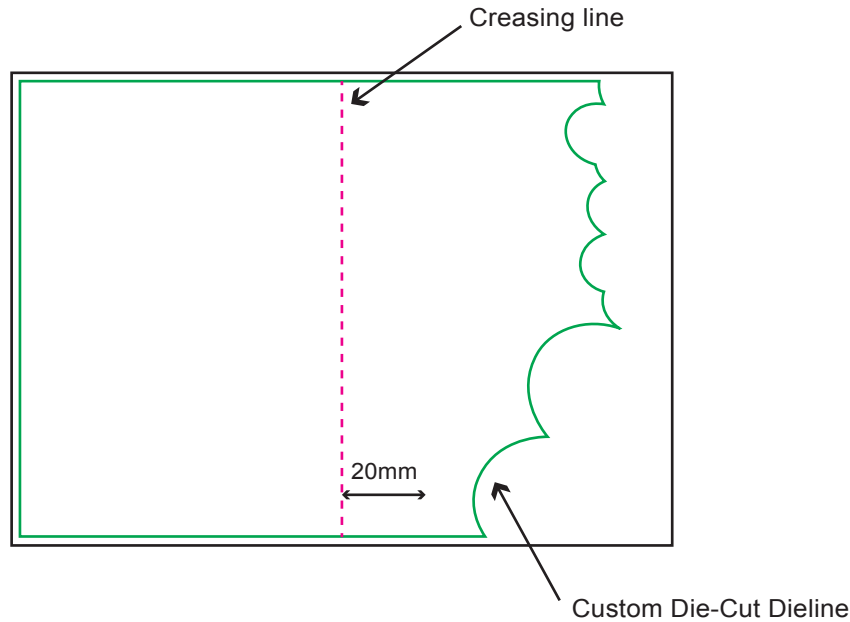## Shown below is the correct and incorrect multi-edge die-line edges:

ONLY ONE DIE LINE IS ALLOWED

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CUSTOM DIE-CUT IS ONLY ALLOWED ON ONE SIDE OF 1FA FOLD

Minimum 20mm away from the creasing line.

Example of Custom Die-Cut 1Fa Fold

FILE PREPARATION FOR CUSTOM DIE-CUT

Artwork without any optional finishing

- Front
  Page 1: Overview artwork (CMYK + Die Line)
  Page 2: Printable artwork only (CMYK)
  Page 3: Die Line only

- Back
  Page 1: Printable artwork only (CMYK)

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ARTWORK

- Artwork is prepared in our Product Size Templates
- Background design expand to Full Bleed size
- Vital elements are within Safe Zone
- No crop mark are applied

FONTS

- No fonts of less than 4 pts
- Curve / Path / Create outline all fonts

DESIGN

- All images have been exported / converted : Background, design effects, photos, images to TIFF files (not including text / vector images)
- Never manipulate images in layout program
- Resolution : 300 dpi
- Color Mode : CMYK color mode

LINE WEIGHT

- No lines are less than 0.25pts
- Color : CMYK mode

MARKING & TRAPPING

- Never apply any crop mark or trapping onto the files.

FILE FORMAT

- PDF File Format
  Artwork is saved in required file format : **Adobe acrobat Document (*.pdf)**
  Resolution : **300 dpi**
  Color Mode : **CMYK color mode**
  Total File Size (front and back design) : **smaller than 20 MB**

FINISHING

- For full details of how to prepare your artwork for finishing such as
  - Spot UV
  - Hot Stamping
  - Round Corner
- Kindly refer to the General Guidelines at our website.

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