

Hydrangea Floret Cluster

hydrangea / 1.0.0 / Letter / Template page 1

C08 | cut 1
3.00 x 3.00 mm

C09 | cut 1
3.00 x 3.00 mm

C10 | cut 1
3.00 x 3.00 mm

C11 | cut 1
3.00 x 3.00 mm

C12 | cut 1
3.00 x 3.00 mm

C13 | cut 1
3.00 x 3.00 mm

C14 | cut 1
3.00 x 3.00 mm

C15 | cut 1
3.00 x 3.00 mm

C16 | cut 1
3.00 x 3.00 mm

F20 | cut 1
18.00 x 18.00 mm

F21 | cut 1
18.00 x 18.00 mm

C02 | cut 1
3.00 x 3.00 mm

C03 | cut 1
3.00 x 3.00 mm

C04 | cut 1
3.00 x 3.00 mm

C05 | cut 1
3.00 x 3.00 mm

C06 | cut 1
3.00 x 3.00 mm

C07 | cut 1
3.00 x 3.00 mm

F12 | cut 1
18.00 x 18.00 mm

F13 | cut 1
18.00 x 18.00 mm

F14 | cut 1
18.00 x 18.00 mm

F15 | cut 1
18.00 x 18.00 mm

F16 | cut 1
18.00 x 18.00 mm

F17 | cut 1
18.00 x 18.00 mm

F18 | cut 1
18.00 x 18.00 mm

F19 | cut 1
18.00 x 18.00 mm

F04 | cut 1
18.00 x 18.00 mm

F05 | cut 1
18.00 x 18.00 mm

F06 | cut 1
18.00 x 18.00 mm

F07 | cut 1
18.00 x 18.00 mm

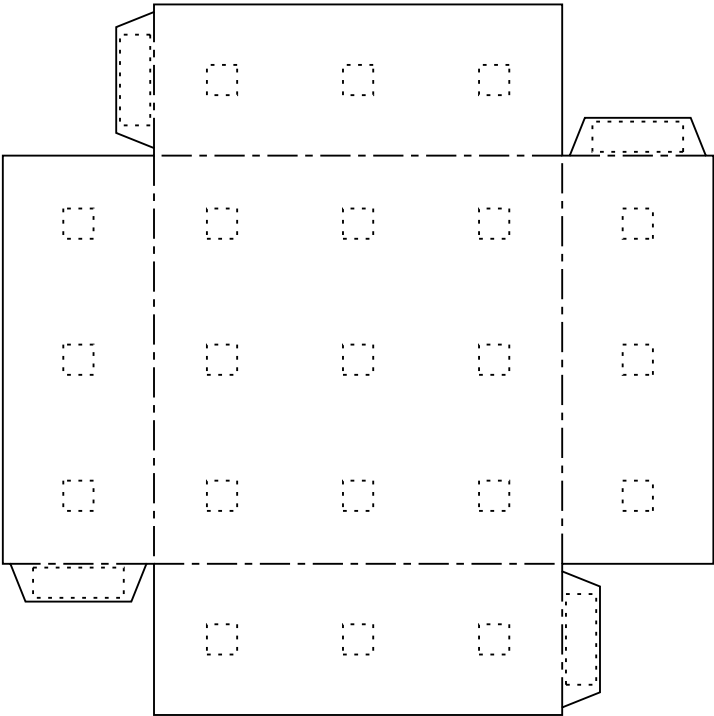
F08 | cut 1
18.00 x 18.00 mm

F09 | cut 1
18.00 x 18.00 mm

F10 | cut 1
18.00 x 18.00 mm

F11 | cut 1
18.00 x 18.00 mm

S1 | cut 1
94.00 x 94.00 mm



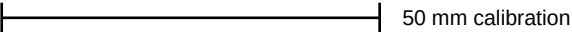
F01 | cut 1
18.00 x 18.00 mm

F02 | cut 1
18.00 x 18.00 mm

F03 | cut 1
18.00 x 18.00 mm

C01 | cut 1
3.00 x 3.00 mm

Solid: cut | Dashed: valley | Dash-dot: mountain | Dotted: glue



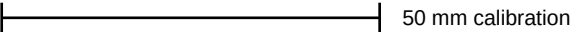
Print at 100% / Actual size. Do not fit to page. Original paper craft template.

Hydrangea Floret Cluster

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C17 cut 1 3.00 x 3.00 mm	C18 cut 1 3.00 x 3.00 mm	C19 cut 1 3.00 x 3.00 mm	C20 cut 1 3.00 x 3.00 mm	C21 cut 1 3.00 x 3.00 mm
				

Solid: cut | Dashed: valley | Dash-dot: mountain | Dotted: glue



Print at 100% / Actual size. Do not fit to page. Original paper craft template.

Hydrangea Floret Cluster

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Finished size: Approximately 60 x 60 x 23 mm; support 54 x 54 x 20 mm

Materials: 120-150 gsm colored paper for F and C pieces; 200-220 gsm green cardstock for S1; Scissors or craft knife and cutting mat; Ruler and blunt scoring tool; PVA glue; Tweezers

Original stylized compact hydrangea cluster: 21 four-sepal florets, 21 center dots and one integral tabbed support (43 cut pieces).

The support is intentionally faceted, not a botanical sphere. All four seam tabs are included in both PDF and 3D. No concealed support materials.

Sepals are rigid 25-degree folds, not stretched curved surfaces. The 3D uses zero-thickness paper; center dots are offset 0.12 mm to avoid coplanar surfaces. Glue thickness and bend radii are not simulated.

Tiny glue text may extend beyond the 4 mm hubs; the dotted boundary, not text width, defines the glue patch. Keep glue off all sepal hinges.

Digital checks do not prove physical foldability. Screen inspection and physical printing, cutting, seam access, paper stiffness and assembly remain pending.

Part inventory (cut each instance once):

S1: Tabbed cluster support

F01: Four-sepal floret

C01: Floret center dot

F02: Four-sepal floret

C02: Floret center dot

F03: Four-sepal floret

C03: Floret center dot

F04: Four-sepal floret

C04: Floret center dot

F05: Four-sepal floret

C05: Floret center dot

F06: Four-sepal floret

C06: Floret center dot

F07: Four-sepal floret

C07: Floret center dot

F08: Four-sepal floret

C08: Floret center dot

F09: Four-sepal floret

C09: Floret center dot

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F10: Four-sepal floret

C10: Floret center dot

F11: Four-sepal floret

C11: Floret center dot

F12: Four-sepal floret

C12: Floret center dot

F13: Four-sepal floret

C13: Floret center dot

F14: Four-sepal floret

C14: Floret center dot

F15: Four-sepal floret

C15: Floret center dot

F16: Four-sepal floret

C16: Floret center dot

F17: Four-sepal floret

C17: Floret center dot

F18: Four-sepal floret

C18: Floret center dot

F19: Four-sepal floret

C19: Floret center dot

F20: Four-sepal floret

C20: Floret center dot

F21: Four-sepal floret

C21: Floret center dot

1. Fold and close the support [S1]: Print actual size and verify the 50 mm ruler. Cut S1 including all four tapered tabs. With printed face outward, mountain-fold the four 54 mm top edges 90 degrees downward: the top is 54 x 54 mm and walls are 20 mm tall. Mountain-fold each 5 mm side tab 90 degrees inward. Glue its marked 4 x 12 mm patch to the INSIDE of the neighboring wall, making a 5 mm lap. Keep the bottom open for finger pressure; hold each seam 60 seconds, then dry 15 minutes. The four bottom edges stand on the table.

2. Form and mount the top cluster [F01, F02, F03, F04, F05, F06, F07, F08, F09]: Cut F01-F09 as individual four-sepal pieces. Valley-fold each of the four 4 mm hub edges so the sepal rises 25 degrees above the hub, colored face up; do not fold the central 4 x 4 mm square. Apply a thin film of glue to the BACK of that square only. Mount on the nine dotted squares of S1, spaced 18 mm apart with outer centers 9 mm from the top edges. F01-F03 are the near row left-to-right, F04-F06 middle, F07-F09 far row. Keep sepal axes parallel to the top edges; press hubs from below through the open bottom and dry 10 minutes.

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3. Add front wall florets [F10, F11, F12]: Form F10, F11, F12 with the same four 25-degree valley folds. Looking straight at the front outside wall, attach these in left-to-right order to its three 4 x 4 mm glue squares. Hub centers are 10 mm above the bottom, 18 mm apart; the end centers are 9 mm from the corners. Glue hub backs only, with two sepals pointing up/down and two left/right; sepals rise away from the wall. Brace inside with a finger, hold 60 seconds and dry 10 minutes before turning to the next wall.

4. Add right wall florets [F13, F14, F15]: Form F13, F14, F15 with the same four 25-degree valley folds. Looking straight at the right outside wall, attach these in left-to-right order to its three 4 x 4 mm glue squares. Hub centers are 10 mm above the bottom, 18 mm apart; the end centers are 9 mm from the corners. Glue hub backs only, with two sepals pointing up/down and two left/right; sepals rise away from the wall. Brace inside with a finger, hold 60 seconds and dry 10 minutes before turning to the next wall.

5. Add back wall florets [F16, F17, F18]: Form F16, F17, F18 with the same four 25-degree valley folds. Looking straight at the back outside wall, attach these in left-to-right order to its three 4 x 4 mm glue squares. Hub centers are 10 mm above the bottom, 18 mm apart; the end centers are 9 mm from the corners. Glue hub backs only, with two sepals pointing up/down and two left/right; sepals rise away from the wall. Brace inside with a finger, hold 60 seconds and dry 10 minutes before turning to the next wall.

6. Add left wall florets [F19, F20, F21]: Form F19, F20, F21 with the same four 25-degree valley folds. Looking straight at the left outside wall, attach these in left-to-right order to its three 4 x 4 mm glue squares. Hub centers are 10 mm above the bottom, 18 mm apart; the end centers are 9 mm from the corners. Glue hub backs only, with two sepals pointing up/down and two left/right; sepals rise away from the wall. Brace inside with a finger, hold 60 seconds and dry 10 minutes before turning to the next wall.

7. Finish all 21 small flowers [C01, C02, C03, C04, C05, C06, C07, C08, C09, C10, C11, C12, C13, C14, C15, C16, C17, C18, C19, C20, C21]: Cut the twenty-one 3 mm diameter dots C01-C21. Apply glue to the back of each marked 1.5 x 1.5 mm patch; center C01 on the exposed hub of F01, continuing matching numbers through C21/F21. Use tweezers and a blunt toothpick to place and press dots. Leave all sepals free. Dry 20 minutes on the open-bottom support. No stem, wire, foam ball or unlisted backing is needed.