WS-053 Removable water-container date collar

Display a user-written inspection date on an existing potable-water container without modifying its cap.

Controlling dimensions: US inches and feet. Metric equivalents are references. Original editorial design; no physical build, animal trial or load certification is claimed.

Before marking and cutting

US inches; feet where appropriate. Metric values are rounded references. Written inch values control.

3/4 in means measured 0.750 in actual thickness wherever used. Recalculate mating lengths for other sheet thicknesses; do not substitute nominal stock blindly.

Use limits

No water treatment, testing, shelf-life or potability claim.

Materials and finished cuts

Part	Qty	Size to cut	Material and detail
A Collar card	1	8 × 2 1/2 in 203.2 × 63.5 mm	0.020 in clear flexible polypropylene. Cut blank before seams or fitting.
B Short closure strap	1	1/2 × 6 in 12.7 × 152.4 mm	Reusable hook-and-loop strap. Cut blank before seams or fitting.

Hardware and consumables

1 × Removable document-tape tab. For paper pocket only.

Tools

Rule; Marker; Scissors; Hole punch; Tape

Primary context and design record

Context references; not design endorsements or certifications.

WS-S01 · Hand and Power Tools · OSHA

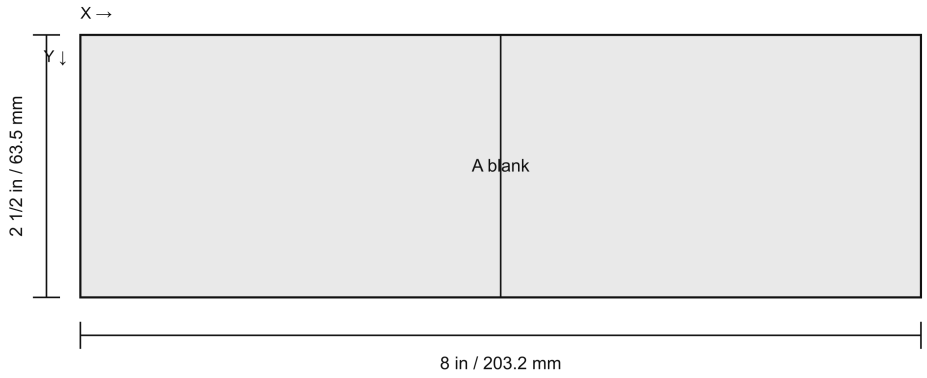
WS-S02 · Packaging Foods · Utah State University Extension

WS-S03 · Food Storage Conditions · Utah State University Extension

Assembly and first checks

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PLAN / reference origin at front-left; not to scale. Inch values control.



Part letters identify the cut-list pieces. Dashed outline = underside part.
Coordinates in the method use the same X/Y reference.
Do not drill from the graphic: transfer the written center coordinates.
Original editorial design; no physical construction trial or certified load rating.

01 Use a container specifically suitable for potable water. This collar is a label and does not establish treatment, storage duration or water safety.

02 Measure an available handle opening that does not interfere with cap, vent or pouring. The collar must attach to the handle, never under a sealing cap.

03 Cut A 8 × 2 1/2 in and round corners to 1/4 in radius.

04 Mark a fold at X = 4 in to create a 4 × 2 1/2 in two-face card. Cold-fold without scoring through the polymer.

05 Write container ID, fill date and next owner-defined inspection date on a 3 × 1 1/2 in paper insert; make no printed safe-until date.

06 Place the insert inside A and secure the open short edge with a small removable document-tape tab.

Complete the assembly

WS-053 Component dimensions

Orthographic component reference. Quantities shown; not a sheet nesting plan or full-size template.



8 × 2 1/2 in

A Collar card QTY 1

8 in / 203.2 mm × 2 1/2 in / 63.5 mm cut blank



1/2 × 6 in

B Short closure strap QTY 1

1/2 in / 12.7 mm × 6 in / 152.4 mm cut blank

Measured actual stock controls. Read the written assembly sequence before cutting or fastening.

07 At the card’s folded upper margin mark one 1/4 in hole centered 1/2 in from the edge; punch over backing and smooth its rim.

08 Pass B through that hole and the container handle, leaving a short slack loop; keep the card outside the pouring path.

09 Lift the actual empty container by its original handle and check that the label cannot snag or force a hand away from the handle.

10 Update the insert after actual cleaning/filling and keep the container’s own original labels visible.

Acceptance and intermediate checks

No cap, vent, seal or container wall is altered.

Paper insert readable and replaceable.

Collar attaches only to the original handle and clears pouring.

Cleaning and maintenance

Inspect label after handling.

Replace torn polymer; update dates from actual actions.