WS-024 Non-slip jar-opening strap

Improve grip around a room-temperature jar lid using a replaceable rubber strip.

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 use on hot jars, processing equipment, stuck pressurized vessels or damaged glass.

Not a lifting strap or powered wrench attachment.

Materials and finished cuts

Part	Qty	Size to cut	Material and detail
A Grip strip	1	12 × 1 1/2 in 304.8 × 38.1 mm	1/16 in food-contact-suitable silicone sheet, unslit surface. Cut blank before seams or fitting.
B Fabric pull sleeve	1	14 × 4 in 355.6 × 101.6 mm	Firm washable cotton. Cut blank before seams or fitting.

Hardware and consumables

1 × Thread. Hemmed removable sleeve.

Tools

Rule; Marker; Scissors; Needle or sewing machine

Primary context and design record

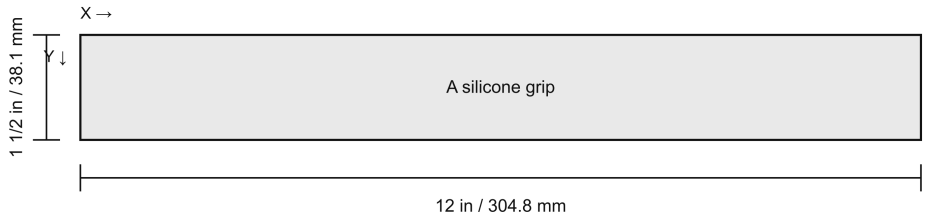
Context references; not design endorsements or certifications.

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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 Measure the largest intended lid diameter. This 12 in strip is for ordinary lids up to about 3 in diameter; it is not a strap wrench or lever.

02 Cut A 12 × 1 1/2 in from measured 1/16 in silicone. Round all corners to 1/4 in radius and wash it according to the material instructions.

03 Cut B 14 × 4 in. Turn both short ends under 1/2 in twice and stitch; the finished sleeve length is 12 in.

04 Fold B lengthwise right sides together and sew a 1/2 in long-edge seam, giving a flattened internal width near 1 1/2 in.

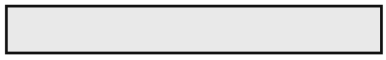
05 Turn B right side out and slide A partway in. Leave the silicone's working center accessible by folding the fabric back during use; do not glue silicone to fabric.

06 If the actual silicone binds inside the sleeve, remove it and resew a wider sleeve rather than stretching or cutting the silicone narrower near an edge.

Complete the assembly

WS-024 Component dimensions

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



A Grip strip QTY 1

12 in / 304.8 mm × 1 1/2 in / 38.1 mm cut blank

12 × 1 1/2 in



B Fabric pull sleeve QTY 1

14 in / 355.6 mm × 4 in / 101.6 mm cut blank

14 × 4 in

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

07 Dry both pieces completely. Wrap the silicone around the closed cool lid with fabric protecting the palm, keeping fingers away from chipped glass.

08 Turn the lid by hand only while supporting the jar on a stable nonslip surface. Stop if excessive force is needed; follow the jar/lid maker’s instructions.

09 Slide A out for separate washing and inspect for tears, stickiness or loose fragments.

10 Store the two pieces loosely together with a COOL LIDS ONLY label.

Acceptance and intermediate checks

Silicone has continuous rounded edges and no slit.

Strip does not slip off the intended cool lid under ordinary hand force.

Sleeve removes for separate cleaning.

Cleaning and maintenance

Wash and dry after contact with a soiled lid.

Replace torn or degraded silicone.