

Heavy Duty Canvas Studio Tool Roll

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Garment Type: Tool Roll | Difficulty: Beginner | Provenance: Threadline Open Design Studio | License: CC BY-SA 4.0

PRINTER CALIBRATION & SCALE VERIFICATION

Measure both test squares with a rigid ruler before cutting fabric. Print at 100% scale without shrinking.



Scale Rules:

- 1. Open in Acrobat Reader
- 2. Select Actual Size 100%
- 3. Do NOT Fit to Page
- 4. Verify dimensions above

SIZE SELECTION & EASE RECOMMENDATIONS

Universal One Size craft pattern with seam allowances included.

Reinforced dimensional structure designed for daily carry utility.

UNIVERSAL FIT / ACCESSORY SPECIFICATION

Universal sizing designed to fit diverse bodies without standard body grading charts. See Page 2.

FINISHED MEASUREMENTS & MATERIALS

FINISHED GARMENT MEASUREMENTS (INCLUDES DESIGN EASE)

Dimension	Universal / One Size
Finished Width	65 cm
Finished Height	34 cm
Strap Length	80 cm

FABRIC REQUIREMENTS (45 IN / 115 CM & 60 IN / 150 CM BOLTS)

Bolt Width	Universal / One Size
45" / 115 cm Fabric	0.75 yd
60" / 150 cm Fabric	0.65 yd

RECOMMENDED FABRICS & STRETCH PROPERTIES

Recommended Substrates: 10 12 oz Cotton canvas or duck cloth 340 400 gsm, Waxed canvas, Heavy denim. Stretch Requirement: None 0% stable woven.

NOTIONS & SEWING TOOLS CHECKLIST

- ☐ Heavy-duty topstitching thread Tex 70/80 polyester or bonded nylon
- ☐ Jeans / denim needle size 100/16 or 110/18
- ☐ 1.2 m cotton webbing 25 mm or leather tie lace
- ☐ Optional brass eyelets or rivets for tie anchors
- ☐ Sharp fabric shears
- ☐ Measuring tape
- ☐ Iron and pressing ham

PATTERN INVENTORY & CUTTING LAYOUT

STANDARD SEAM & HEM ALLOWANCES

Use the seam and hem allowances printed on each pattern piece. Verify every allowance label before cutting fabric.

PATTERN PIECE INVENTORY & CUTTING SCHEDULE

Piece Name	Cut Quantity	Material / Interfacing
Tool Roll Main Backing	Cut 2 in Waxed Canvas or Duck Cloth	Main Fabric
Slotted Tool Pocket Strip	Cut 1 in Heavy Canvas	Main Fabric
Protective Foldover Flap	Cut 1 in Main Canvas	Main Fabric

FABRIC PREPARATION & CUTTING RULES

- Press fabric before cutting to remove packing folds and pre-shrink fibers.
- Align piece grainlines strictly parallel to fabric selvages.
- Transfer notch markings with small 3 mm snips into the seam allowance margin.

MULTI-PAGE TILE ASSEMBLY INSTRUCTIONS

1. Check Sheet 1 calibration square before printing the remaining pattern sheets.
2. Trim right and bottom border lines along the dashed perimeter frame.
3. Match corner crosshairs, such as A1 to A2 and B1 to B2, without overlapping.
4. Tape sheets securely on both sides before cutting paper pieces.

STEP-BY-STEP SEWING INSTRUCTIONS

Step 1: Cut Canvas & Mark Tool Slots

Cut two main backing panels, one pocket strip, and one top protective flap from heavy canvas. Use chalk or fabric marker to mark vertical tool slot division lines 30 mm to 60 mm intervals across the pocket strip.

Step 2: Hem Pocket Strip & Foldover Flap

Double-fold and topstitch top edge of the pocket strip with heavy-duty thread.
Double-fold and topstitch bottom and side edges of the protective foldover flap.

Step 3: Stitch Tool Slot Divisions

Position pocket strip along lower edge of one main backing panel. Stitch vertical division lines through both layers, backstitching or bartacking securely at top pocket edge for strength under tool tension.

Step 4: Attach Top Protective Flap

Position raw top edge of protective foldover flap along upper margin of the inner backing panel, facing down over the tool pockets. Baste in place.

Step 5: Assemble Backing with Ties & Finish Perimeter

Baste folded tie straps to one side edge. Place outer canvas backing right sides together over prepared inner assembly. Stitch all four edges leaving an 8 cm opening. Clip corners, turn right side out, press, and topstitch entire perimeter 6 mm from edge, closing turning gap.

TROUBLESHOOTING & PRO SEWING TIPS

Issue: Seams puckering along stitch line

Fix: Insert fresh needle and test balance on fabric scrap.

Issue: Wavy edge along curved perimeter

Fix: Staystitch immediately after cutting and use walking foot.