

Fitted Ribbed Tank

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Garment Type: Ribbed Tank | 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

Select size based on full bust/chest measurement.

-4 to -8 cm negative ease at bust for snug, conforming ribbed silhouette.

STANDARD BODY MEASUREMENTS CHART

Size Range	XS	S	M	L	XL	2XL	3XL
Full Bust/Chest	80 cm	86 cm	92 cm	98 cm	108 cm	118 cm	128 cm
Full Hip / Seat	88 cm	94 cm	100 cm	106 cm	116 cm	126 cm	136 cm

FINISHED MEASUREMENTS & MATERIALS

FINISHED GARMENT MEASUREMENTS (INCLUDES DESIGN EASE)

Dimension	XS	S	M	L	XL	2XL	3XL
Finished Chest	78 cm	84 cm	90 cm	96 cm	106 cm	116 cm	126 cm
Hem Sweep	80 cm	86 cm	92 cm	98 cm	108 cm	118 cm	128 cm
Garment Length	56 cm	58 cm	60 cm	62 cm	64 cm	66 cm	68 cm

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

Bolt Width	XS	S	M	L	XL	2XL	3XL
45" / 115 cm Fabric	0.85 yd	0.85 yd	0.85 yd	1.1 yd	1.1 yd	1.3 yd	1.3 yd
60" / 150 cm Fabric	0.75 yd	0.75 yd	0.75 yd	0.85 yd	0.85 yd	1.1 yd	1.1 yd

RECOMMENDED FABRICS & STRETCH PROPERTIES

Recommended Substrates: Cotton/spandex 2x1 rib knit, Bamboo/rayon rib knit with 5 8% elastane, Modal ribbed stretch knit. Stretch Requirement: 30 50% crosswise stretch with 90%+ recovery.

NOTIONS & SEWING TOOLS CHECKLIST

- ☐ Matching all-purpose stretch or polyester thread
- ☐ Stretch or ballpoint needle size 75/11
- ☐ Optional clear elastic for shoulder seams 20 cm
- ☐ 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
Front Body	Cut 1 on Fold	Main Fabric
Back Body	Cut 1 on Fold	Main Fabric
Neckline Binding Strip	Cut 1 on true 45° bias	Main Fabric
Armhole Binding Strips	Cut 2 on true 45° bias	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: Stabilize the Ribbed Tank Shoulders

Place the Front Body and Back Body right sides together. If using the optional clear elastic, center it over each shoulder seam without stretching it; stitch the shoulder seams with a stretch-compatible stitch, finish together, and press toward the back.

Step 2: Apply the Rib Neckline Binding

Join the Neckline Binding Strip ends into a loop, quarter-mark the loop and neckline, and place them right sides together. Stretch only the binding as you stitch, turn it to the wrong side over the seam allowance, and topstitch with a stretch-compatible stitch.

Step 3: Fit and Stitch the Ribbed Side Seams

Baste the front and back side seams right sides together and check the fitted tank without over-stretching the rib knit. Make equal adjustments on both sides, then stitch permanently with a stretch-compatible stitch and press the allowances toward the back.

Step 4: Bind the Fitted Armholes

Join each Armhole Binding Strip into a loop, quarter-mark the loop and armhole, and stitch right sides together with even tension. Wrap the binding to the wrong side and topstitch, then compare both armholes to confirm equal stretch and coverage.

Step 5: Hem the Ribbed Tank

Try on the tank and confirm the fitted length. Press the printed hem allowance to the wrong side without flattening the rib texture, then coverstitch or use a narrow zig-zag. Steam lightly and allow the knit to recover before the final fit check.

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.