

Unisex Raglan Windbreaker

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Garment Type: Raglan Windbreaker | Difficulty: Intermediate | 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 chest measurement, accounting for mid-layer garments.

+16 to +22 cm chest ease for layering over sweaters and hoodies.

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	104 cm	110 cm	116 cm	122 cm	132 cm	142 cm	152 cm
Hem Sweep	100 cm	106 cm	112 cm	118 cm	128 cm	138 cm	148 cm
Garment Length	68 cm	70 cm	72 cm	74 cm	76 cm	78 cm	80 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	2.1 yd	2.1 yd	2.1 yd	2.5 yd	2.5 yd	2.95 yd	2.95 yd
60" / 150 cm Fabric	1.65 yd	1.65 yd	1.65 yd	1.95 yd	1.95 yd	2.4 yd	2.4 yd

RECOMMENDED FABRICS & STRETCH PROPERTIES

Recommended Substrates: Lightweight to medium-weight suitable fabric substrates, Pre-washed natural fibers cotton, linen, or bamboo. Stretch Requirement: None 0% stable woven.

NOTIONS & SEWING TOOLS CHECKLIST

- ☐ Matching all-purpose polyester or cotton sewing thread
- ☐ Universal sewing needle size 80/12
- ☐ 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
Jacket Front	Cut 1 Pair	Main Fabric
Jacket Back	Cut 1 Pair	Main Fabric
Upper Sleeve	Cut 1 Pair	Main Fabric
Under Sleeve	Cut 1 Pair	Main Fabric
Lower Patch Pockets	Cut 2 in Windbreaker Nylon	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 Ripstop Nylon

Cut Jacket Front panels, Jacket Back panels, Upper Sleeve, Under Sleeve, and Lower Patch Pockets from weather-resistant ripstop nylon.

Step 2: Pockets

Hem Lower Patch Pockets top edges right sides together and topstitch onto jacket fronts with reinforced bar-tacks. Press seam allowances.

Step 3: Back and Raglan Seams

Join center back seam right sides together and attach raglan sleeve seams to front and back body panels right sides together. Press seam allowances.

Step 4: Underarm and Side Seams

Stitch underarm and side seams right sides together in one continuous pass. Press seam allowances.

Step 5: Finish Neckline and Hems

Bind neckline edge with clean finish binding. Turn under sleeve hems and bottom hem casing, press seam allowances, and edgestitch neatly.

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.