

Relaxed Fit Painter Pants

Relaxed Fit Painter Pants Verified open pattern specification

Garment Type: Painter Pants | 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 corresponding to natural waist and full hip/seat measurements. If between sizes, choose the larger size and adjust side seams.

Structured trousers include +4 to +6 cm ease at waistband and +8 to +12 cm ease through hip/thigh for sitting comfort.

STANDARD BODY MEASUREMENTS CHART

Size Range	XS	S	M	L	XL	2XL	3XL
Natural Waist	64 cm	72 cm	80 cm	88 cm	96 cm	104 cm	112 cm
Full Hip / Seat	90 cm	98 cm	106 cm	114 cm	122 cm	130 cm	138 cm

FINISHED MEASUREMENTS & MATERIALS

FINISHED GARMENT MEASUREMENTS (INCLUDES DESIGN EASE)

Dimension	XS	S	M	L	XL	2XL	3XL
Finished Waist	70 cm	76 cm	82 cm	88 cm	98 cm	108 cm	118 cm
Finished Hip	100 cm	106 cm	112 cm	118 cm	128 cm	138 cm	148 cm
Inseam Length	78 cm	78 cm	78 cm	78 cm	78 cm	78 cm	78 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	2.5 yd	2.5 yd	2.5 yd	2.85 yd	2.85 yd	3.3 yd	3.3 yd
60" / 150 cm Fabric	1.95 yd	1.95 yd	1.95 yd	2.3 yd	2.3 yd	2.75 yd	2.75 yd

RECOMMENDED FABRICS & STRETCH PROPERTIES

Recommended Substrates: Cotton twill, chino, denim, linen, or wool suiting,
 Pocketing cotton for pocket bags. Stretch Requirement: None 0% stable woven.

NOTIONS & SEWING TOOLS CHECKLIST

- ☐ Matching all-purpose polyester or cotton sewing thread
- ☐ Universal sewing needle size 80/12
- ☐ 7 inch metal or nylon trouser zipper
- ☐ Trouser hook and eye or 18mm button
- ☐ Interfacing for waistband
- ☐ 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 Trouser Leg	Cut 1 Pair (1 Left, 1 Right)	Main Fabric
Back Trouser Leg	Cut 1 Pair (1 Left, 1 Right)	Main Fabric
Contoured Waistband	Cut 2 in Fabric, 1 in Fusible Interfacing	Main Fabric
Front Pocket Facing	Cut 1 Pair in Self Fabric	Main Fabric
Front Pocket Bag	Cut 1 Pair in Pocketing/Lining	Main Fabric
Fly Facing	Cut 1 in Self + 1 Interfacing	Main Fabric
Fly Shield	Cut 1 in Self	Main Fabric
Back Welt Pocket Bands	Cut 2 in Self Fabric	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: Staystitch & Mark

Staystitch waistline curves at 8 mm. Transfer pocket, fly topstitch, and rear welt pocket markings onto the fabric wrong side using tailor's chalk.

Step 2: Construct Front Slant Pockets

Pin pocket facings to front trouser leg pocket slant edges right sides together.

Stitch, trim seam allowance, understitch facing towards pocket bag, and press crisp.

Step 3: Assemble Back Welt Pockets

Interface welt pocket locations on back legs. Position welt strips, stitch parallel welt lines, cut opening, turn welt through, and press rectangular welt lips. Topstitch pocket bags securely.

Step 4: Install Zipper Fly

Attach interfaced fly facing to left center front edge. Stitch zipper tape to right extension, fold protective shield behind zipper, and topstitch classic curved J-stitch.

Step 5: Join Inseams and Outseams

Pin front and back legs right sides together at outseams and inseams. Stitch from hem up to crotch. Press seams open or finish raw edges with a clean serged finish.

Step 6: Stitch Crotch Curve

Insert one trouser leg inside the other right sides together. Align crotch seam and four-way intersection. Stitch from back waistline through fly base, reinforcing stress point with second pass.

Step 7: Attach Contoured Waistband & Belt Loops

Attach belt loops to waist seam. Stitch interfaced outer waistband to trouser waistline. Press seam up, fold waistband over, stitch in the ditch from right side, and bar-tack belt loops.

Step 8: Hem Trouser Legs

Turn up specified 35 mm hem allowance. Blind-stitch or machine-hem trouser leg hem and perform final steam press.

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.