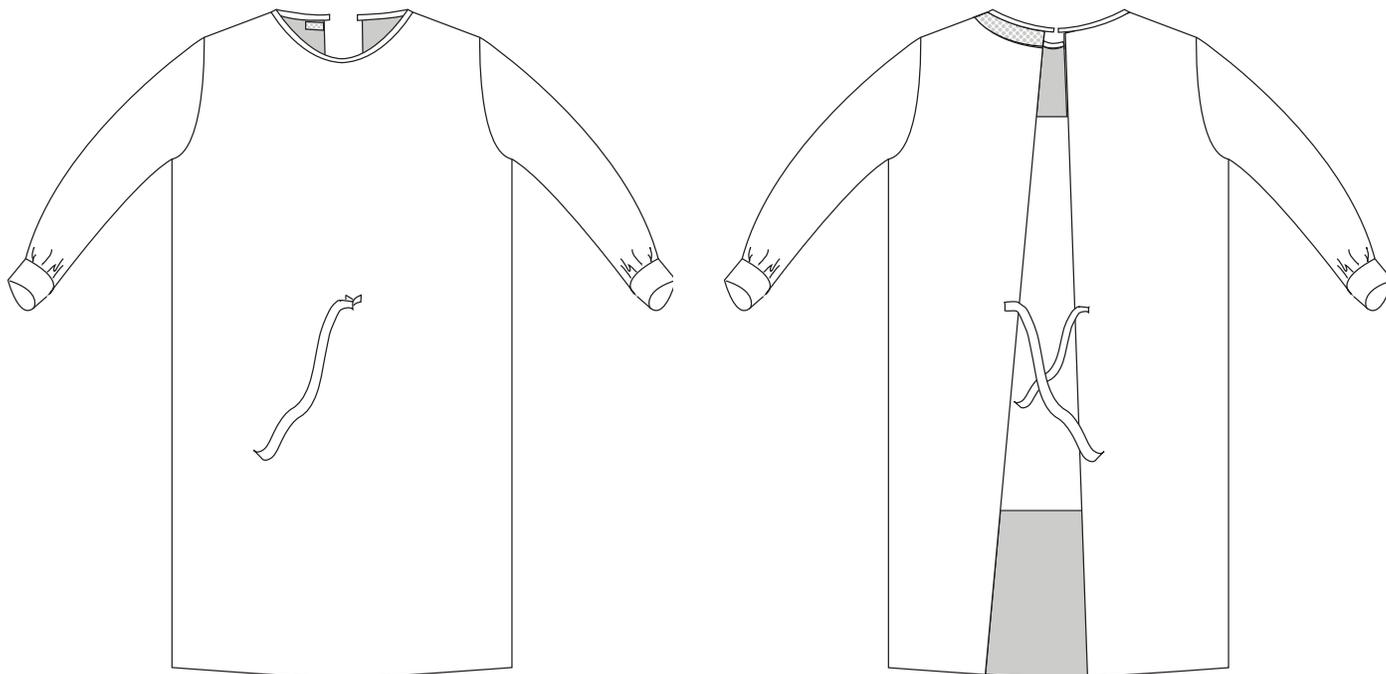


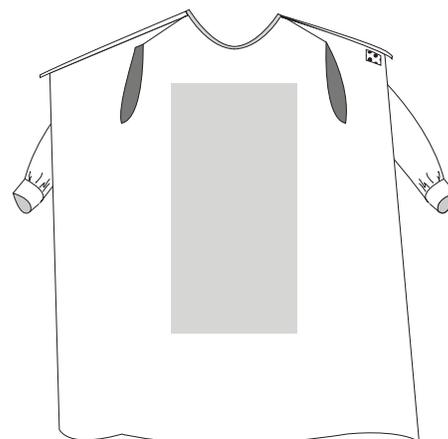
Impermeable Gown

XXXL-XLONG

Garment Specifications



Finished Garment Measurements	XXXL-XLARGE
Neck opening - circumference	28.5" (excluding binding)
Shoulder length at seam	10"
Sleeve length - Top	29.75" (excluding cuff)
Sleeve length - Bottom	27.5" (excluding cuff)
Side seam	38"
Chest width at bust	27"
Sleeve opening - min	3.25"
Sleeve opening - max	5.875"
Length at Center Front	55.5"
Waterproof Panel	19.625" W x 39" H
Sleeve cuff	2" W x 3" H tubular rib
Right Tie	34"
Left Tie	18"
Center Front Tie	18.25" + 2.375" tab
Front Collar Width pt to pt	9.75"
Front Collar drop	2.75"
Bottom Hem Width	67.75"
Left Loop Tape	1" x 8"
Right Hook Tape	1" x 1.5"



PATTERN PIECES	
1 - GOWN	FABRIC
2 - SLEEVE	WATER-PROOF
3. CUFF	RIB KNIT
4. WATER-PROOF PANEL	WATER-PROOF

Impermeable Gown Pattern RKBA302 3/31/2020 © 2020 by Renae Anderson
THIS PATTERN HAS NOT BEEN CERTIFIED FOR MEDICAL USE

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Sewing Instructions

1. Fuse interfacing or other impermeable fabric to center front, aligned with circles.
2. Sew cuffs to sleeve, right sides together, using a 3 needle overlock/serge stitch.
3. Sew sleeves to bodice, right sides together, using a 3 needle overlock/serge stitch.
4. Sew** shoulder and top of sleeve seam in one, using a 5 needle safety stitch or a 4 needle mock safety stitch. Catch the loop tape in the left shoulder seam. **NOTE: The sleeves on the sample were heat sealed together, not sewn. The sleeve seam may need to be treated with waterproofing tape in order to achieve the same level of imperviousness.
5. Sew binding around neck opening, catching the top of the loop tape on the right back opening, matching notches, using a single needle lockstitch. There should be 1/2" overhang of the binding on each side of the neck opening.
6. Fuse ties to garment, using a strong fusible webbing. The center front tie is two piece, with each tie being fused to the front, then both ties being fused together near the bottom of the long tie.
7. Sew hook tape to left back opening, using a single needle lockstitch.

Fabric and Findings

FABRICS:

NOTE: Research will need to be done to determine what fabrics are suitable for a level IV isolation gown.

- GOWN: Nonwoven fabric.
- WATERPROOF: Nonwoven fabric with increased waterproof properties. Used for sleeves and center front panel.
- CUFFS: Tubular rib knit, 2" diameter, measured flat.

OTHER NOTES: If the garment is to be reused, a tightly woven fabric may suffice, though it may not provide the same level of personal protection. If a woven fabric is used, then the back opening and hem will need to be overlocked to prevent fraying.

FINDINGS:

- TIES: Can be same as gown fabric, can be plastic, twill tape, shoe strings, bias tape, etc... To reduce holes in the garment, ties should be fused onto the garment. If the ties are sewn onto the fabric, then care must be taken to waterproof the seams.
- HOOK AND LOOP TAPE: The loop tape should be quite soft and flexible, and sew-in. 1" wide.
- BINDING: Can be same as gown fabric, twill tape, bias tape. 1/2" wide, single(nonwoven) or double fold(woven).
- THREAD: Use wooly polyester or nylon for looper threads. Use polyester thread for needle threads.

DISCLAIMER: By using this pattern, you hereby agree to hold the patternmaker (Rena Anderson) not responsible for the efficacy of the end product. It is up to the sewist or manufacturer to determine whether the end product and fabrications used therein meet all safety requirements for medical use.