Instructions to make Tyvek ™ Isolation Gowns:

The material you will use is Tyvek for building construction, which can be found at many local hardware stores and comes in rolls that are 9 feet wide. The seams are sealed with Tyvek Seam Tape. You will also need material for a template (ideally plywood, cardboard in a pinch), and a cutting and folding surface.

The Tyvek Gown pattern looks like this:

When it is finished, it looks like this:

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These gowns can be made in four easy steps:

Step 1: Cut a big rectangle of Tyvek. The roll is 9 feet wide, and the length of the pattern is about 7 feet long.

Step 2: Fold the Tyvek in half and cut around the pattern. If you have access to a laser cutter or CNC machine, you can use a plywood pattern. If you only have a big printer you can cut it out of cardboard and trace it with a marker then use scissors. Our pattern is hinged on one side to make it quick and easy to use.

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Step 3: Use Tyvek Seam Tape to seal the upper and lower portions of the sleeves. It is important to use Seam Tape because it is designed to bond with Tyvek. Make sure the sleeves are not too tight to get your hand through. The hole in the pattern is for your thumbs.

Step 4: Sterilize and package the gowns. A relatively easy way to sterilize these gowns is to set aside a small room with an ozone generator. An hour in high concentrations of ozone is enough to sterilize all of the exposed surfaces. The gown can also be machine washed and ideally reused. Seal them in plastic bags.

Thank you for following these instructions. Now go get them out to people in need!

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