PPE Disposable Isolation Gown Pattern

#heidisgowns

Materials:

0.7 ml plastic sheeting at least 5’x7’ per gown

Heat gun and surface appropriate for use

1”x6” wood board, 30” long

Permanent marker

Heavy duty scissors

Heavy paper, 1 roll for making pattern

Use the pics below to make pattern. You may have to tape sheets of paper together.

1. Lay out plastic sheeting onto flat surface (stack sheets to cut multiple gowns at the same time)
2. Place pattern on the plastic
3. Draw an outline of pattern onto plastic then remove pattern
4. Cut out following lines.
5. Fold sleeves together matching edges (red triangles in picture should be placed together on the same sleeve).
6. Use a heat gun to melt together the seam from armpit to wrist. To prevent melting entire sleeve place wood board over sleeve exposing only a half to one inch to be melted.
Making pattern - each small square above = 1 inch. The pattern does not need to be exact to work well. The gowns can also be cut from folded plastic if working on a smaller surface. Follow picture below.
Large scale production

Materials

Rolls of 12’x400’ 0.7ml plastic sheeting

12’x8’ work surface (we used 3 tables pushed together - each table is 4’x8’

Electric rotary cutter (we used WORKX brand found on Amazon)

Heat gun and surface appropriate for use
1”x6” wood boards, 30” long

Permanent marker

Heavy paper, 1 roll for making patterns. Make two of each type (full and folded)

Use the pics above to make pattern. You will have to tape sheets of paper together.

1. Roll plastic out onto 12’ wide by 8’ long surface. Fold the plastic accordion style back and forth over entire surface. Use the entire roll. This results in layers of plastic folded on each side, each ply 12’x8’, roughly 50 ply.

2. Place the patterns on top in the configuration shown (pictured below)

3. Trace pattern then remove pattern

4. Use rotary cutter to cutout all fifty layers at once

5. Fold sleeves together matching edges (red triangles in picture should be placed together on the same sleeve).

6. Use a heat gun to melt together the seam from armpit to wrist. To prevent melting entire sleeve place wood board over sleeve exposing only a half to one inch to be melted

7. Use a rectangular template to fold the gowns uniformly for packing. We place 15 gowns in small plastic garbage bags, then box the bags and send them for distribution

Hint- set up work stations for melting seems and for folding and run the entire production as an assembly line

Sample layout on 12’x8’ plastic sheeting, folded: