Fabric Surgical Face Mask Construction
MATERIALS

1. TWO 8” x 8” (20.3 cm x 20.3 cm) fabric blocks
   - “Tightly woven cotton” or “Cotton blend”
   - 100% COTTON IS NOT RECOMMENDED

2. 16” (40.6 cm) of 1/4” or 1/8” flat elastic
   - May also use rope elastic or beading cord elastic

3. Sewing pins

4. Thread
STEP 1 – SEW FABRIC BLOCKS TOGETHER

• Stack fabric blocks with patterned side facing each other on the inside

• Sew completely around three of the edges leaving the final edge open – use ¼” seam allowance

• For final edge, sew 2/3 of the final edge, leaving 1/3 of the final edge open (approximately 2 – 3” hole)

• Turn fabric block inside out

• Fold the edges of the open section of the final edge inward – Press
SEW FABRIC BLOCKS TOGETHER

Two stacked blocks (patterned side facing inside)

Leave 1/3 open

Turn inside out

1/3 open
STEP 2 – FOLD FABRIC TO CREATE PLEATS

- Create two folds/pleats on mask with 1 cm of overlap of each fold (additional images on next page)

- Pin pleats in place - Press
STEP 2 – FOLD AND PIN FABRIC TO CREATE PLEATS
STEP 3 – ATTACH ELASTIC

• Cut elastic into two 8” pieces

• Position or pin one end of elastic on the upper and corner of the mask

• Position and pin the other end of the elastic on the lower corner of the mask

• Repeat on other side

• IT DOES NOT MATTER IF ELASTIC is attached on inside or outside surface of the mask – whatever is easier for you
STEP 3 – ATTACH ELASTIC

Pin and secure

Pin and secure
STEP 3 – SEW EDGES OF MASK

• Sew the edge, starting at top or bottom

• Go over the attached elastic at least twice

• Sew through the folded edges

• Repeat on other side
STEP 3 – SEW EDGES OF MASK

Reinforce each elastic 2-3 times