



Marquis/Consonus Face Shield Project - Assembly Documentation (updated 3.19.20)



Supplies:

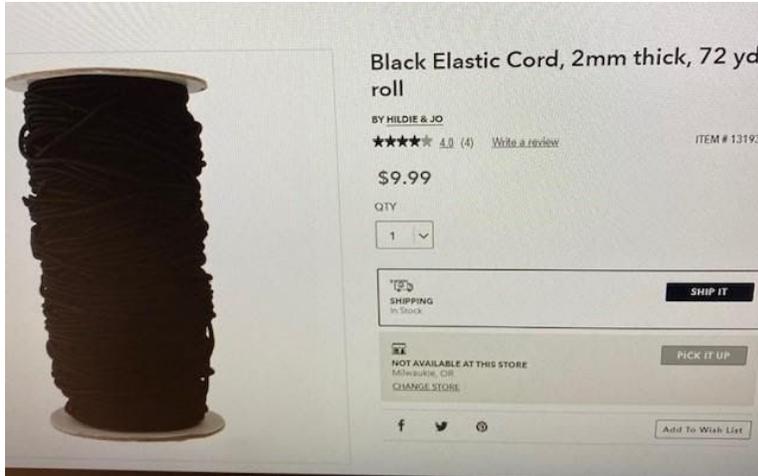
1. Acetate Sheets: Cricut 12x12 (6/pk) 2 shields per sheet (6"x12")
 - a. Sources:
 - i. JoAnn's
 - ii. Michaels
 - iii. Amazon (although delivery is delayed)



2. Foam Headpiece (2 versions) 12" per piece
 - a. Specifications:
 - i. ¼" thickness x ½" width
 - ii. ½" thickness x ¾" width (works best with glasses)
 - iii. Other specifications: Closed cell, self-adhesive
 - b. Sources:
 - i. Lowe's
 - ii. Home DepotAmazon



3. 2mm or 1/16" round elastic (30" needed for each mask) Option B: 1/4" flat elastic (36"/mask)
 - a. Sources:
 - i. JoAnn's
 - ii. Micheals
 - iii. Hobby Lobby
 - iv. Amazon



Other Supplies needed for assembly:

Cutting boards (standard paper cutter works well)

Hole Punchers (heavy duty handheld punch works fine)

Scissors (high quality works best for cutting curves on shield and cutting elastic and foam)

Container boxes to store masks

Ziploc bags to contain elastic straps

Assembly instructions:

Station One

1. Cut 12x12 acetate sheets in half
2. Cut gentle curves on bottom corners



Station Two

1. Cut foam piece 12" (50% thin foam/50% thick foam)
2. Remove protective film from one side of acetate
3. Adhere foam to top edge of that side (trim to align edges as needed)

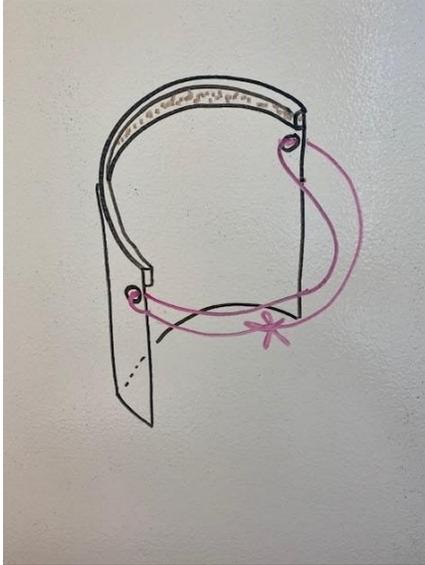


Station Three

1. Punch hole on each corner 1/4" from foam and 1/4" from edge.
2. Stack shields flat in container foam side up (leave outer protective film on acetate until facility use)

Station Four

1. Cut 1/16" round elastic cord 28" in length
2. Cut 1/2" white flat elastic 36" in length
3. Place ties in Ziploc bag in container (amount determines by number of shifts, but approximately 40 elastic ties per shield)



Facility Instructions

1. Remove outer protective film
 2. Disinfect shield per infection control guidelines at start of use and at each shift
 3. Use elastic tie as pictured to secure tie to head
 4. Dispose elastic after each shift
- Tips:
 - If you wear glasses, use shield with thicker pad
 - May be easier to tie elastic before placing shield on head