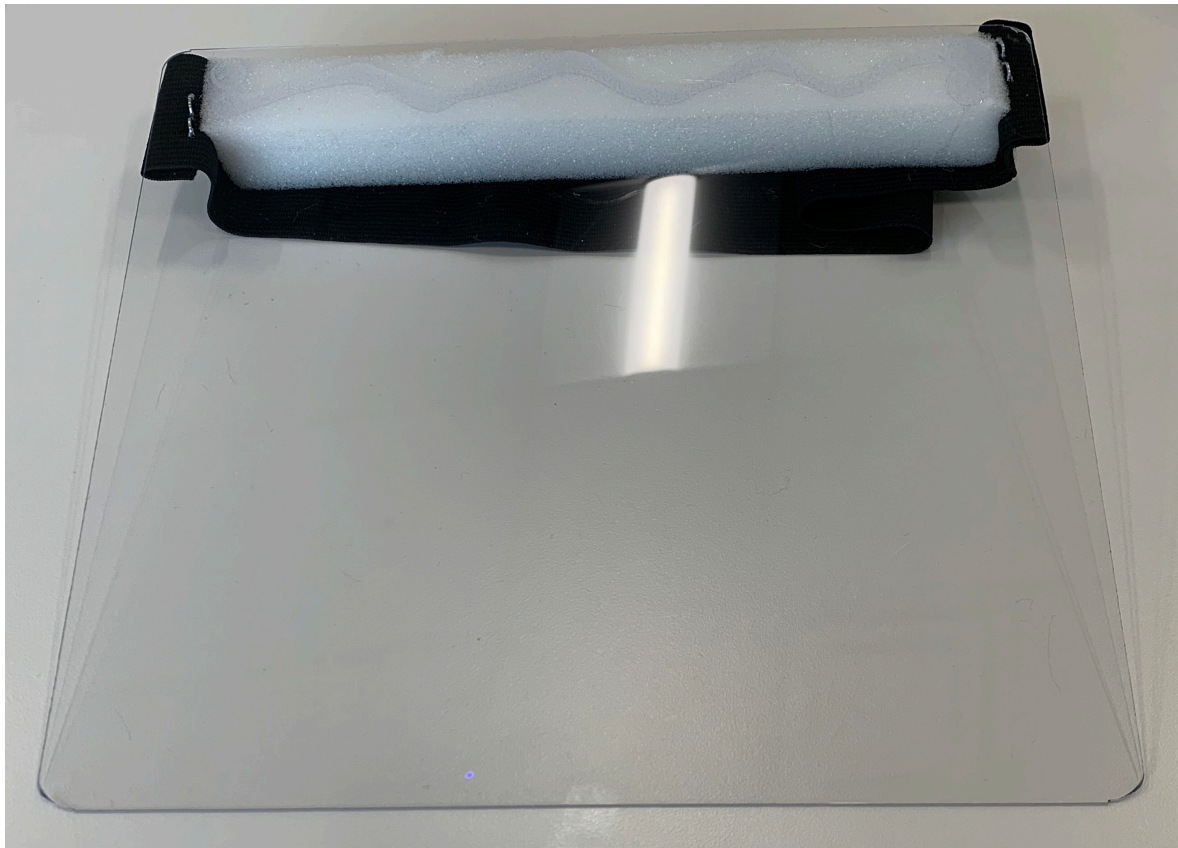


# Steps to Self-Manufacture Face Shields



These instructions are being provided for information purposes only. JH makes no representation or warranty as to the effectiveness of these products and assumes no responsibility for any failure of the products to perform as intended.

# Materials and Sources to Create Face Shields

Material	QTY	Specifications	Vendor
Plastic Sheet	50,000	1/16" x 11" x 8" Poly Carbonate with Rounded Corners	Total Plastics Int'l – Baltimore;
Foam*	125 Rolls using 2x24x120	2" High Cushion Foam (Height & Width can vary – to be cut down to 9"x2"x1" cubes)	Amazon – FoamTouch Brand Used
Elastic Band	1,200 - Using 11 YD Rolls	1.5" Thick – Black (Other Colors can be Used) – Cut into 20" Strips	Amazon – Many Brands
Stapler – Heavy Duty	10	160 Sheet Capacity	Swingline
Staples	50,000	½" Heavy Duty Staples	Swingline
Plastic Bags	50,000	13" x 15" Plastic zip Bags	Elkay
Glue Guns	10	Regular Glue Guns – <i>not mini</i>	Amazon
Glue Sticks	1000 – 5lb Box	10" Full Size Glue Sticks	Amazon
Cutting Mats	10	24" Cutting Mats	Amazon
Scissors	10	Regular Scissors	Amazon
Razor Blades	100	12 Count Razor Blades	Amazon
Rulers	10	18" Ruler	Amazon

\*1" foam was used initially, but the shield did not effectively protrude and was cumbersome when worn with eyeglasses

# Plastic Sheets Cut to Specifications in Baltimore



Inbox (36,584) x 3\_12\_Daily Sup x Launch Meeting x Launch Meeting x Launch Meeting x Launch Meeting x 5300 holabird x Amazon.com: F x Total Plastics, | x +

Not Secure | google.com/maps/@39.3008922,-76.6046862,13.49z/data=!5m1!1e2

Total Plastics, Int'l

3.9 ★★★★★ (7)  
Plastic fabrication company

Directions Save Nearby Send to your phone Share

5424 Pulaski Hwy, Baltimore, MD 21205  
8C2X+72 Baltimore, Maryland  
totalplastics.com  
(410) 483-1122  
Opens at 8:00 AM ^

Tuesday	8AM-5PM
Wednesday	8AM-5PM
Thursday	8AM-5PM
Friday	8AM-5PM
Saturday	Closed
Sunday	Closed
Monday	8AM-5PM

Manage this listing  
Add a label  
Suggest an edit

These instructions are being provided for information purposes only. JH makes no representation or warranty as to the effectiveness of these products and assumes no responsibility for any failure of the products to perform as intended.

# Materials and Sources to Create Face Shields

	Steps to Assemble
<b>Step 1</b>	Peel Film Off Front & Back of Plastic Sheet
<b>Step 2</b>	Cut Foam into 9" Long, 1" Thick & 2" High Strips
<b>Step 3</b>	Glue Foam Strips onto Plastic using hot glue gun. Strip should be glued on 11" side of plastic with 1" side down (effectively 2" strip should be barrier between plastic and face)
<b>Step 4</b>	Cut Elastic Bands into 20" Strips
<b>Step 5</b>	Staple elastic band on the same side of the shield that the foam was glued. The elastic band shall be folded in on itself to avoid fraying. The entire elastic band should be on the back (side towards the clinician's face) to avoid contamination with fluid
<b>Step 6</b>	Place finished shield in bag