General information only. Providence used these guidelines, with other information and our own experience, to create face shields for our own use. We also conducted compliance and legal reviews and had in place quality controls and assurance for the shields before they were used. We recommend that you conduct your own reviews and consider quality and other issues before creating face shields or other products on your own.
Face Shield Parts

• Vinyl – 16 or 20 gauge marine grade vinyl (find in fabric stores or via materials management)

• Polyurethane Foam – 1 inch by 1 inch (cut down from larger sheets – [like these](#), most likely, but rolls if you can find them preferred)

• Braided Elastic – [Like this](#) – preference $\frac{3}{8}$ to $\frac{1}{2}$ inch (larger might require two staples per side)

• High quality mounting tape – We’ve used [Gorilla](#) and [Scotch](#) with good results

Tip: Stronger the better, poor quality will not hold up.

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Process

Keep in mind
Observe hand hygiene at all times.
Keep work surfaces sanitized.
Gloves encouraged.
Wipe shields down with microfiber cloth before packing.

1a) Elastic
Cut into 14 inch lengths

1b) Foam
Cut into 10”x1” lengths

1c) Vinyl
Cut into 12”X 54” strips
Cut into 12”X 13.5” rectangles
Shape using template

2) Assembly
Center and place a 10 inch length of mounting tape ½ inch below top of shield
Secure foam on mounting tape
Secure elastic loop on either side of foam using standard stapler

Tip: Be thorough in pressing to get a good seal.
Tip: Different types of elastic will have a different “feel” — test some out at the 14 inch length to ensure it gives the right amount of give and comfort.