

**HOMEMADE FACE SHIELD  
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MARCH 2020**

Here is a face shield that I made from a hard hat and some plastic sheeting. I purchased the hard hat at Home Depot and the plastic sheeting at Walmart. It is also available at JoAnn's Fabrics.

Initially, I used Gorilla Glue as it was supposed to work on plastic. It was a mess. But my glue gun worked very well. Clear silicone glue could also be used, I think.



I cut the plastic to about 16 x 10 inches and beveled the sides. Otherwise they bump the shoulders and displace the hard hat.



In the first prototype that I made, I crenelated the top of the plastic so that it would glue easily on to the rim of the hard hat. But this made the plastic sheeting to come too close to the face. It was hot and fogged up too easily.

In the second prototype, I glued the sheeting as shown. It doesn't look as 'nice' but it made the face shield be further away from my face. It was more comfortable to wear.



It seems to me that this could be a serviceable substitute for face shields until real face shields are available. Each person could make one for him/herself. It could be disinfected easily.

Hard hats, rolls of plastic sheeting and silicone glue are available in most markets in Africa. They are likely available in other parts of the world also.

