

Venture Center Startups against COVID-19

Face Shield

Raw Materials						
	Material Name	Specifications	Cost for bulk (Rs)	Price per piece (Rs)	Qty required per piece	Source
1	Plastic Sheet or OHP Sheets	A4, 100 microns +	190/ packet of 100 pieces	1.9-2.5	1	Stationary Shop
2	Headband	MDF Sheet (8*4 sq ft, 3.5 mm)	320/ Sheet	1.6 - 3	10*15 cm	Plywood Store
3	Elastic Band	4-6 mm,	5/ meter	1.66 - 3	30 cm	Textile/Tailoring Shop
4	Laser Cutter	Holder and Plastic Sheet cut into shape	20/Sq Ft	5 - 10	1-2 mins	Wood working/Graphics Store
5	Miscellaneous Costs	Gloves, Sanitizer, Packaging Bags, Sandpaper, Cleaning Clothes, Transportation	NA	6 - 10		NA

Design files: <https://github.com/MangeshManav/Astra19> or <https://tinyurl.com/fspune>

Face Shield Details: <http://www.protoshop.in/covid19-faceshields/>

Contact:

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Credits: Inspired from Maker's Asylum Mumbai

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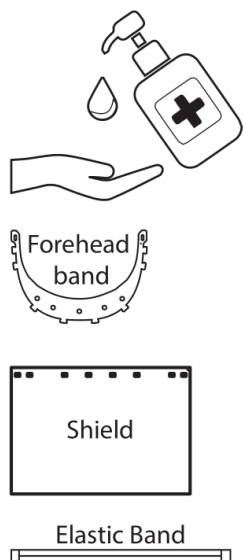
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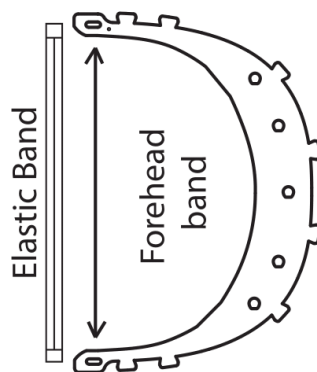
Assembly Instructions

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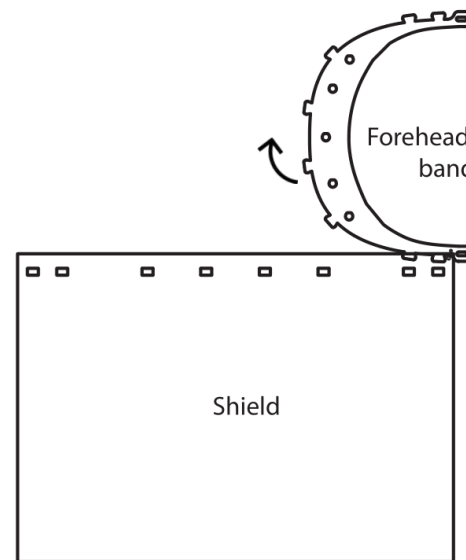
1

Sanitize every 4 hours
your hands, the
forehead band, shield
and elastic band with
sanitizer or soap water.



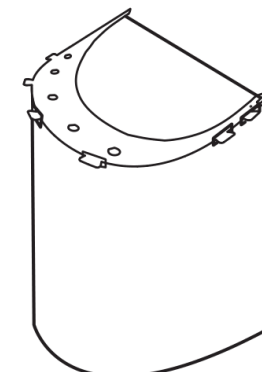
2

Stretch and Tie
the elastic band
on the 2 corner slots
of the forehead band.



3

Align and fix
the slots on the shield, with
the notches on the forehead
band along the curve.



4

Faceshield
finally looks
like this.

Note: Faceshields will reduce chances of direct exposure from splashes of body fluids
but for further protection it needs to be worn with N95 or other face masks

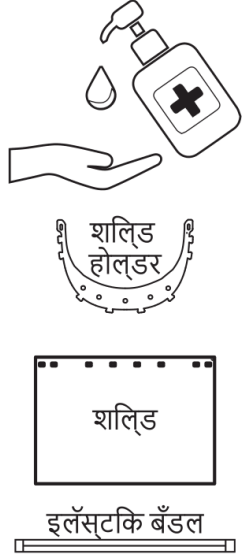
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असेम्ब्ली सूचना

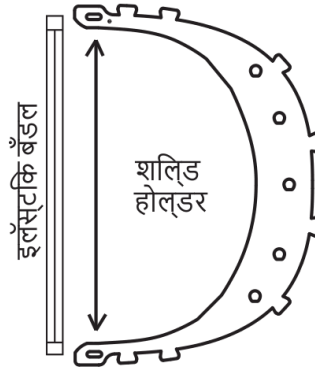
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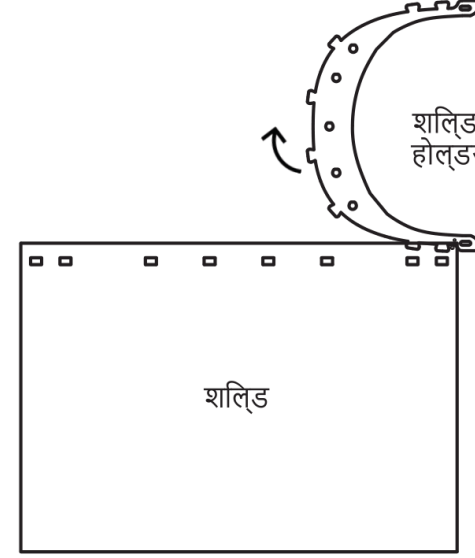
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सॅनटायझर वापरून आपले हात नरिजंतूक करा. इलॅस्टिक बँड व शिल्ड होल्डर साबण कवि सॅनटायझर ने स्वच्छ करा



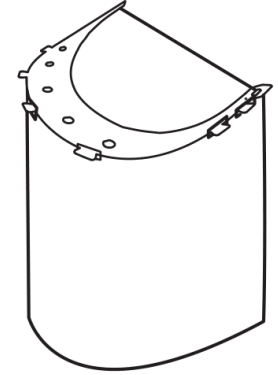
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इलॅस्टिक बँडला शिल्ड होल्डर च्या दोन्ही बाजूला बांधा



३

शिल्ड च्या स्लॉट्स ला शिल्ड होल्डर सोबत रेखांकित करून जोडा



४

तुमची फेस शिल्ड अशी दशिल

सूचना: फेस शिल्ड मुळे तुम्ही वषाणूच्या थेट संक्रमणाची शक्यता कमी करू शकता पण अधिक संरक्षणासाठी फेस शिल्ड ला N९५ मास्क कवि इतर मास्क सोबत वापरा

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