

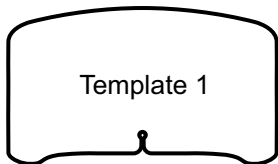
GERM SHIELD™



GMS
MEDIA™



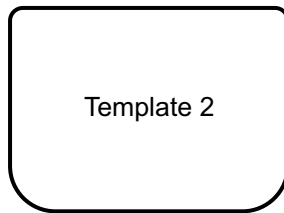
Staple to the upper part of face masks. Up to 680 pieces per 15" roll.



Template 1



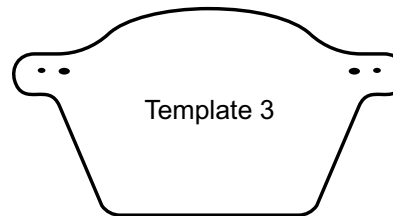
Attach foam Strip on top. Use extra cuts to align foam. Staple elastic band to sides. Up to 192 pieces per 15" roll.



Template 2



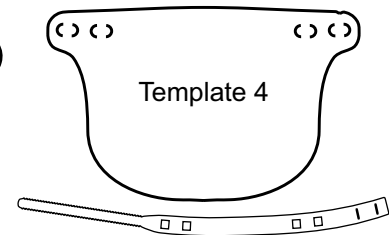
Fit over glasses or safety goggles. Modify holes for specific glasses. Up to 100 pieces per 15" roll.



Template 3



No need for elastic or foam, or assembly. Completely adjustable. Up to 64 sets of 2 per 15" roll.



Template 4

PRODUCT INFORMATION

- Germ Shield™ Clear 7 mil polyester
- Anti-fog treatment on top side (Up to 54")
- Non print, just for plotter cutting
- Premium quality ensures HD optical
- Available in 15" punched with liner
- Available up to 54" w/o liner
- Washable & Reusable

Face shields are personal protective equipment (PPE) devices that are used by many professional workers (e.g., medical, dental, veterinary) for protection of the facial area and associated mucous membranes (eyes, nose, mouth.)

APPLICATIONS



Like Glass Super Clear
Even with the Anti-Fog coating this film is super clear. Premium quality ensures HD optical.



Washable & Reusable
This smooth polyester film is easily washed or wiped with most non-abrasive cleaners.



Anti-Fog
We coat the top side of the film with Bausch & Lomb Anti-Fog treatment.

PRODUCT CHARACTERISTIC SHEET and COC

PLEASE READ BEFORE USING!

Material: GERM SHIELD™ Clear, Non-PSA 7 mil Polyester, Anti Fog treated

Part Nos: PY7GS1550C, PY7GS5450C

General Description: Clear, 7 mil. polyester with a clear film liner. Formatted to cut on Gerber 15" plotters as well as wide format up to 54". The top side of the polyester is treated with a Bausch & Lomb silicone anti fog liquid that reduces fogging from the wearer's breath. Private labeling of face shields can be done by applying a brand label to the non coated side of the face shield. Due to the nature of the silicone anti-fog treatment, it is not recommended that you apply labels to the same side that is treated, as they may fall off. On the 15" material only, the adhesive remains with the liner when the polyester film is cut and removed. See Application Techniques.

Thickness:	7 mil. Polyester, no adhesive.	Adhesive Properties: 15" Gerber format has adhesive on the liner. When the polyester film is removed, the adhesive stays with the liner.
Outdoor Life:	N/A	
Shelf Life:	6 mo. stored at 70 F & 50%RH	
Service Temperature Range:	(-40° F to 240° F)	
Minimum Application Temp.:	N/A	

Properties | Tests performed | Results:

Properties	Units	Specification	Measured Values	Test Methods
Thickness:	Gauge	Min. 630.5 Max. 676	653.4	Micrometer
Tensile Strength	MD	psi □ 10 ³	28.8	ASTM D 882A
	TD		30.7	
Elongation at Break	MD	%	154.4	
	TD		116.6	
Young's Modulus	MD	psi □ 10 ³	499.8	
	TD		550.1	
Heat Shrinkage	MD	Max. 1.9	1.6	TSI Method (302 □ /30min)
	TD	Min. 1.3	1.7	
Haze	%	Max. 2.5	1.4	ASTM D 1003
Total Luminous Transmission	%	-	89.2	
Surface Tension (Corona side)	dyne/□	Max. 60	54	ASTM D 2578
		Min. 42		
Density	g/□	-	1.4	ASTM D 2578

The above tests were performed on three or fewer production runs. Therefore the results are for guidance only, and should not be used for setting specifications.

Recommended Production Techniques:	Cut and pull out shapes for face shield applications. Germ Shield™ is Anti-Fog treated on the top side. Once you cut and peel the shields it can be difficult to tell which side is treated. Therefore we recommend that you alter one side of the finished shape, enabling you to tell the left from the right side, and therefore the coated from the non-coated side.
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GSP Software Settings:	In Gerber's Plot program, we suggest double or triple cuts at 50% speed, 50% acceleration, 50%-60% force, depending on the age of the blade. The liner is 4 mils thick. Cut completely through the polyester down to the liner. Perform test cuts and dial your knife blade in or out of the tool until you cannot cut any deeper than the blade is exposed.
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Recommended: 45° blade for this 7 mil polyester.

Disclaimer:

All of the descriptive information listed above is our recommendation only. This information does not suggest or constitute a written or verbal warranty or guaranty of any kind by the manufacturer or distributor of this product. Although this material can be printed on with some solvent based printers, the surface characteristics of the material can change from roll to roll, and failure of optimal printing results are not a basis for returning the product. Purchasers of this product shall be responsible for independently determining the suitability of the material for the intended application. GMS0520 Graphic Marking Systems