

Cylon Helmet Instructions.

Materials Required - 7 Sheets of Silver or Gold Mirror Card or paper Adhesive* + (clear and invisible tape optional).

*I use wood glue which takes a while to stick mirror card (hence the need for tape), but it can be wiped/rubbed off with a wet cloth even after it has dried.

Building Tips

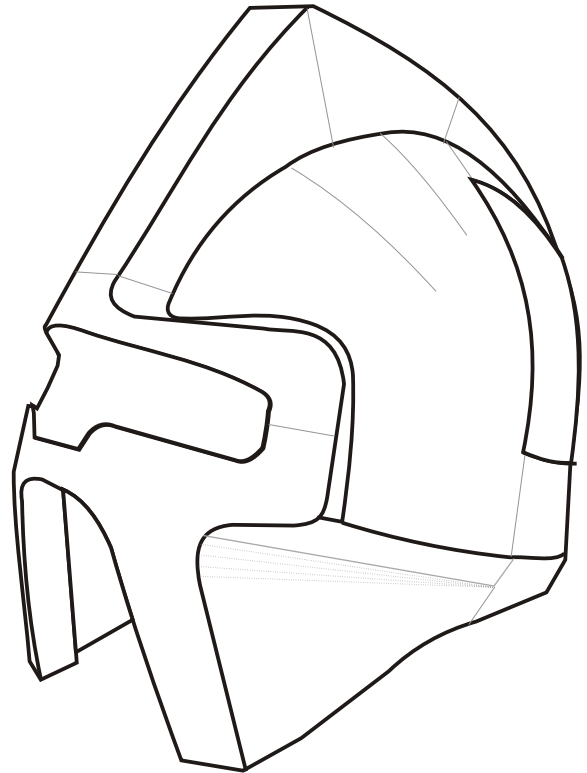
1. Print the patterns on the reverse of the medium you are working with (if you're printed can handle the gsm), and build the model inside-out. If your printer can't handle the gsm, I would print the sections on thin paper and glue the sheets onto the reverse of the card.

2. When the parts have been cut out it is also helpful to make little incisions on the edges of the card where certain markings are shown e.g. the edges of tabs etc. as these will help building the model when these markings are no longer visible.

The silver gloss coating on the tabs themselves can also be removed to reveal the porous paper underneath - this can be done to improve and speed up adhesion.

3. When using heavier gsm stock it may be useful to use tape to hold the parts in place until the glue dries.

I use the invisible type tape on the outside of the helmet (the matt coated type) as it can be peeled off once the glue has dried (make sure this works on your card before building the model), and normal clear adhesive tape on the inside of the helmet as it holds better on the inside and can be left there out of sight.



Parts Index

Main Helmet:

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Mouth:

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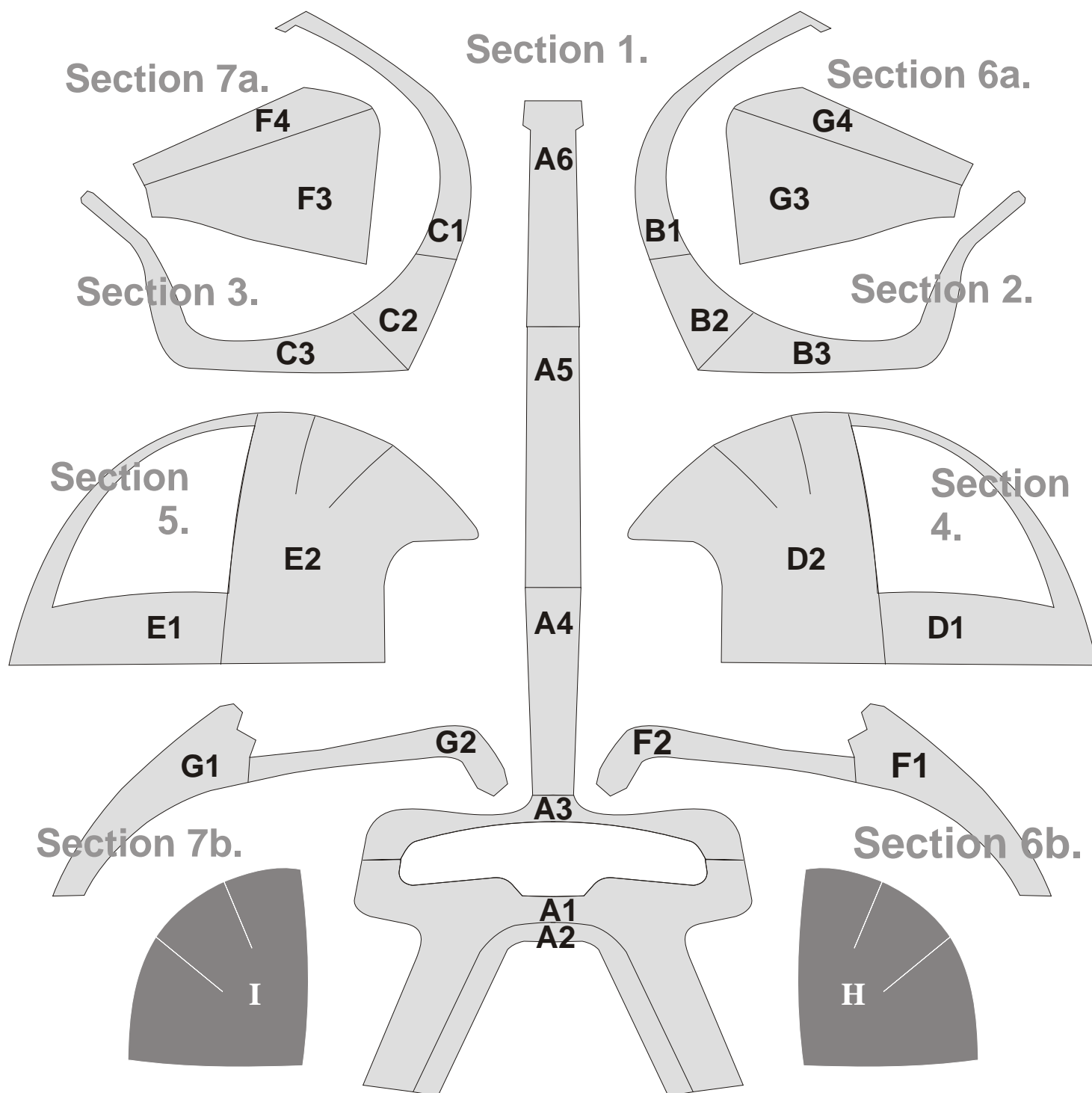
Visor

Visor-BlackMatte.pdf
Formers-WhiteCard.pdf (pages 3+4)

Cylon Helmet Instructions - Part 1.1

Parts in: [CylonHelmet-Silver.pdf](#) + [CylonSides-BlackGloss.pdf](#)

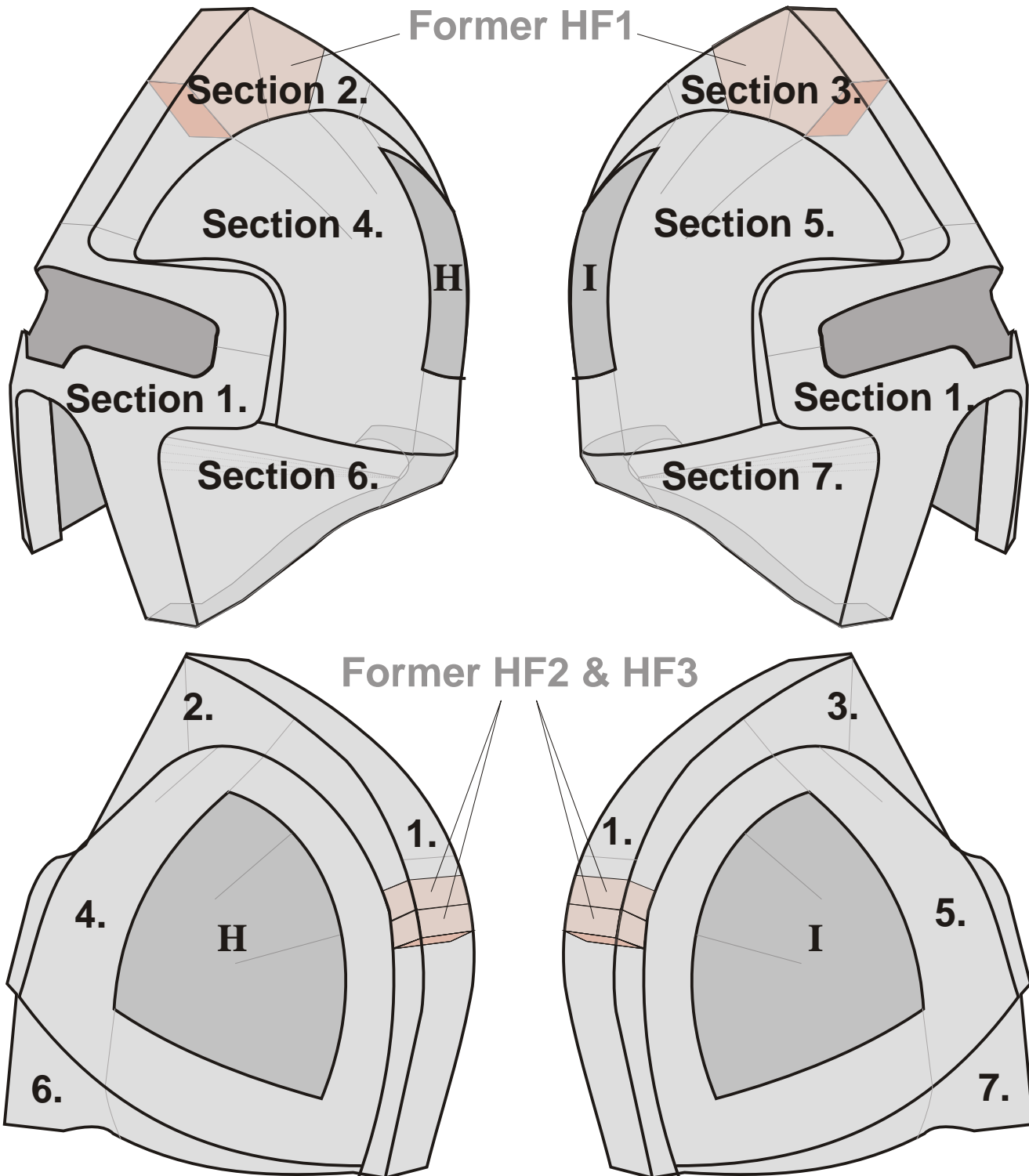
Print parts A1 to G4 on the reverse of the mirror card/paper, and parts H & I on the reverse of black gloss. Assemble in the order shown below.



Cylon Helmet Instructions - Part 1.2

Formers in: **Formers-WhiteCard.pdf (page 1)**

Assemble sections created in stage 1 in numerical order (assemble sections 6a+6b/7a+7b first).



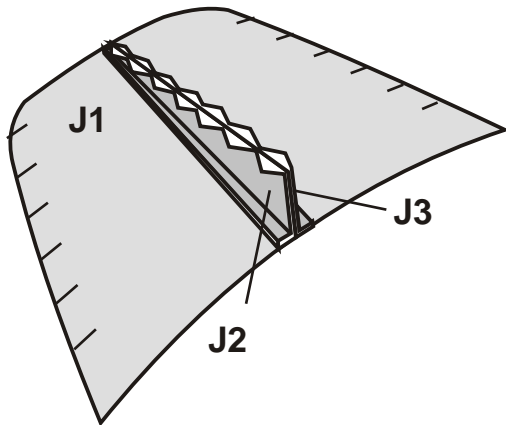
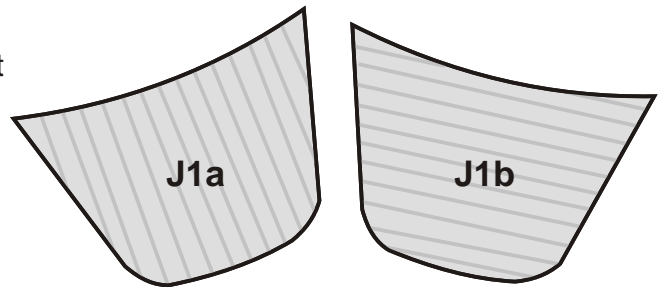
Cylon Helmet Instructions - Part 2 (Mouth)

Parts in: **Mouth-GunMetal.pdf + Formers-WhiteCard.pdf (page 2)**

1. Create Grill Formers

Cut out the Grill Plate(J1) and use it as a template to cut 2 pieces of single layer corrugated cardboard - 1 with the corrugated ribs vertical and one with the ribs horizontal. Then glue these pieces together and leave to dry.

(If using double layer corrugated card use only 1 piece with the lines horizontal).



2. Attach Grill Supports (J2+J3) to Grill Plate (J1).

First make the incisions on the reverse of the Grill Plate(J1) - this will show where the Grill Supports and the tops of the grill pieces(J4-J10) should be attached.

Once these have been marked, glue together the Grill Supports(J2+J3), and make sure that the bottoms and tops of these parts fold out away from each other.

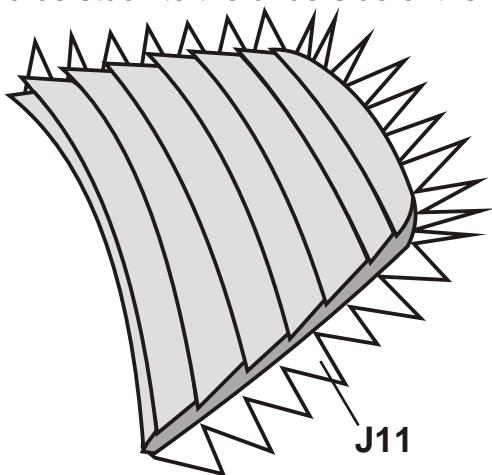
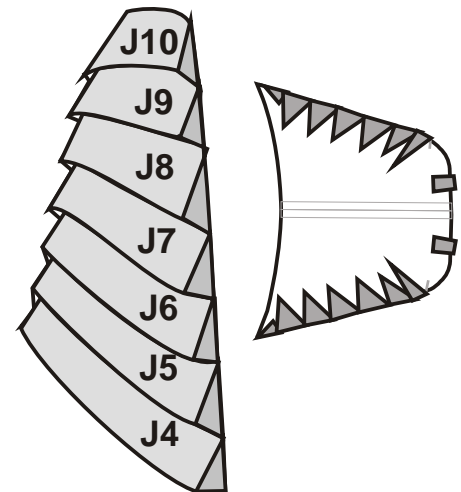
Once this has dried, glue this piece to the centre of the Grill Plate using the incisions made on the reverse as a guide.

3. Attach Grill Pieces.

Cut out the Grill slices and make a small incision on the pattern side to highlight the centre line.

Cut out each of the Grill Formers J4a to J10a and glue to the underside of each Grill slice (this stops the grill slices creasing in the middle and may not be necessary with heavier card).

Attach each of the Grill pieces in number order in the manner shown below. The top of the slice should be in line with the incision marks on the sides of the Grill Plate, and the centre incision mark on the slices in line with the centre of the Grill Support. The end triangles should be stuck to the underside of the Grill plate.



4. Attach Formers to Mouth Piece

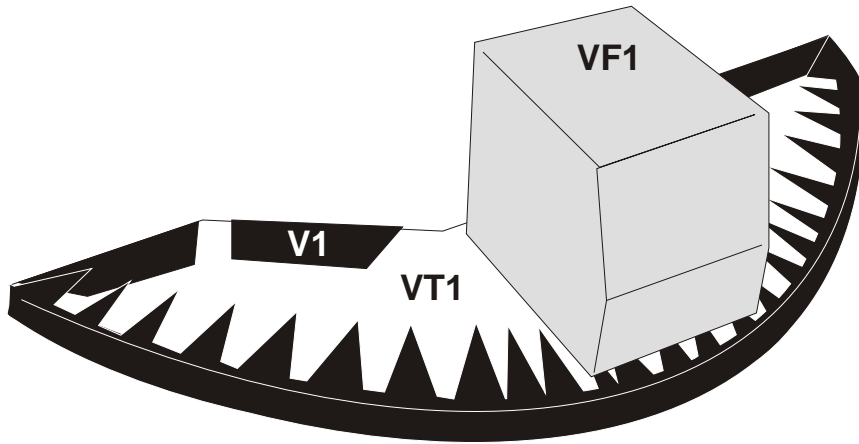
Glue the 2 corrugated former pieces to the underside of the finished mouth piece and leave to dry.

Then Attach the Mouth Grip (J11) to the underside of the 2 corrugated formers.

Once dried the mouth piece can be attached to the helmet by gluing the tabs of the Mouth Grip (J11) to the inside of the Mouth Cavity of the helmet (A2).

Cylon Helmet Instructions - Part 3 (Visor)

Parts in: [Visor-BlackMatte.pdf](#) + [Formers-WhiteCard.pdf](#) (pages 3+4)



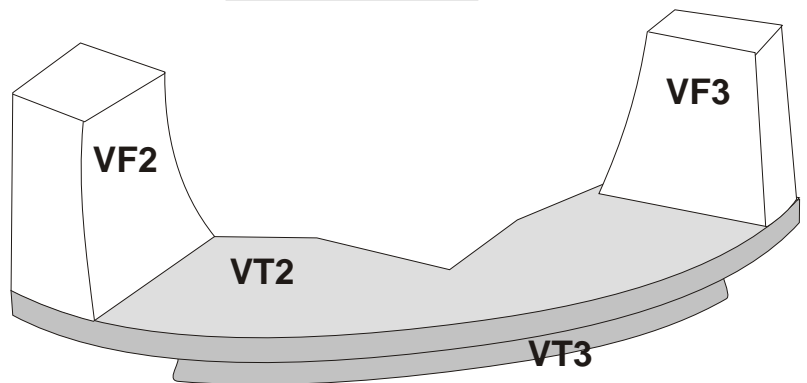
1. Visor Top Plate

Cut out visor template 1 (VT1) and use it as a template for 3 layers of corrugated card. Once dry stick this former to the top plate cover (V1) and wrap the tabs over the top of the former. When dry stick visor former 1 (VF1) to the top of the plate in the area shown on the template. Finally apply glue to the sides and front of VF1, and the front of the cover (V1) and place inside the helmet - make sure that the plate is flush with the eye hole.



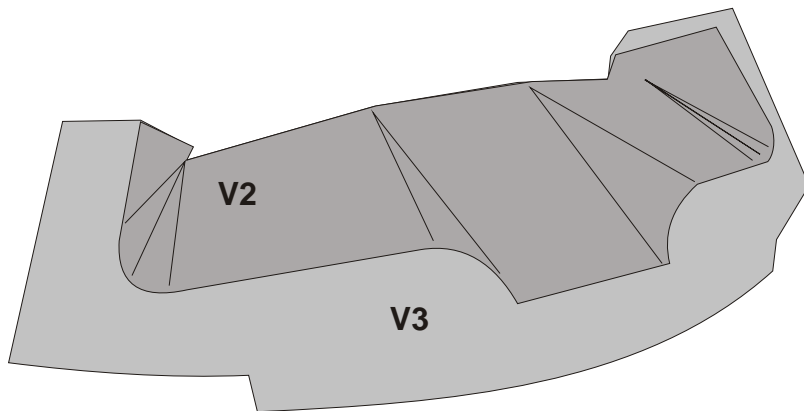
2. Visor Bottom section

Cut out visor templates 2 and 3 (VT2 & VT3) and use them both as a template for 2 layers of corrugated card which should be glued together. The VT3 former should then be glued to the underside of the VT2 former. Once these have dried stick the 2 formers VF2 & VF3 to opposite ends of VT2.



3. Visor Bottom Cover

Cut out the visor sections V2 and V3 and glue the parts together as shown opposite.



4. Finally stick the cover over the bottom formers applying glue to all the areas that will come in contact with the former surfaces.

Once dried the bottom section should be able to be maneuvered underneath the top plate, the bottom surface of the bottom section (VT3) resting on the top of the mouth piece.

