

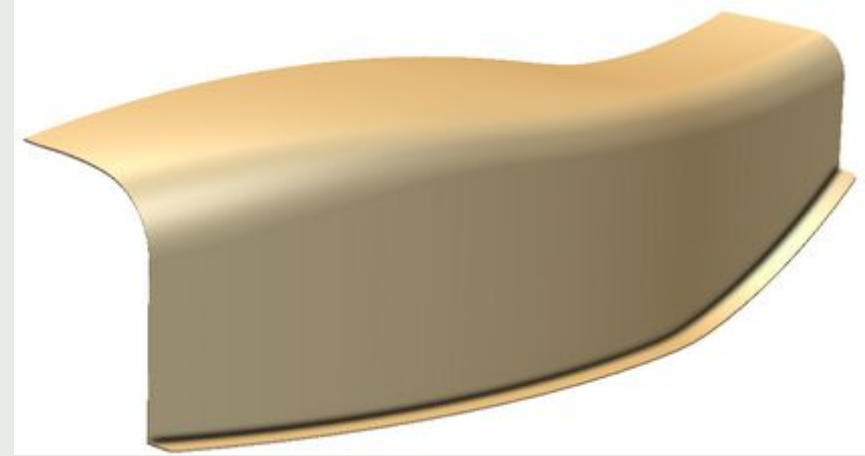
UVic Hybrid - Additional parts:

Side pods | Floor Guards

The same methods and techniques were practiced to manufacture the side pods and floor guards, with slight changes.

Side pods

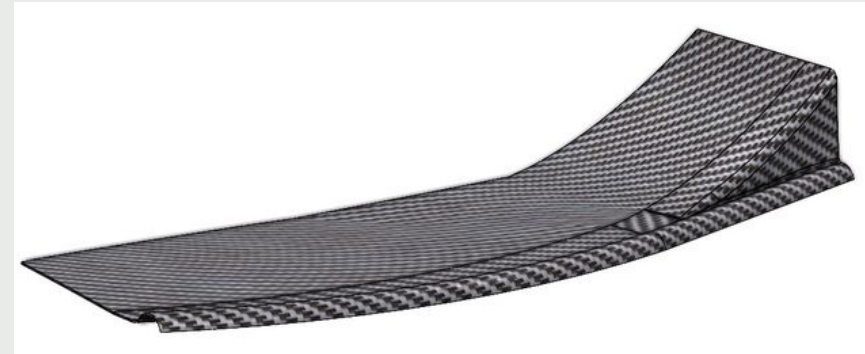
- Objective: Reduces drag, and protects accumulator
- Material: 6 layers of 10 oz (Style 7500) Fiberglass wet layup
- Negative layer geometry
 - Chosen to ensure the outer surface of the composite remained smooth, minimizing aerodynamic drag and supporting accumulator shielding.



Side pods

Floor Guards

- Objective: generates downforce and seals sidepods
- Material: 6 layers of 10 oz (Style 7500) Fiberglass wet layup
- Positive layer geometry:
 - Purpose: Underside of the floor surface generate vortices (down force) due to venturi tunnel sealing with the floor.



Floor Guards

UVic Hybrid - Summary: Side Pod | Floor Guard | Seat

The process for the side pods were not documented due to time sensitivity. The completed assembly, consisting of both side pods and floor guards can be found in picture [3] of this slide.



[1] Floor guard



[2] Seat



[3] Side pod + Floor guard