Summit Fuel Cell FAQs
(Drag Race, Circle Track, and Pro Sports Cells)

What is the wall thickness of Polyethylene fuel cells?
The general wall thickness is 3/16”.

What application are Summit fuel cells designed to be used in?
Summit fuel cells are made for Circle Track, Drag Race, Off-Road, and many other racing applications.

Do the Polyethylene fuel cells carry SFI certification?
Summit polyethylene fuel cells exceed SFI Spec. 28.1 but are not SFI certified.

Can an internal fuel pump be installed into our Polyethylene cells?
No. Our polyethylene fuel cells are not designed to be used with internal fuel pumps.

What racing sanctions are Summit fuel cells approved for?
All Summit fuel cells are NHRA accepted. Our Pro Sport fuel cells are IMCA and SCORE legal.

What fittings come standard on most Summit fuel cells?
Our Circle Track and the Pro Sport fuel cells both come equipped with one AN-8 Fuel Pickup fitting and one AN-8 Tip Over Valve Vent fitting.

Our Drag Race cells come equipped with two AN-8 Fast Flow Outlet fittings and one AN-6 Vent fitting.

What applications have SUMMIT Products fuel cells been used in other than racing?
We have sold our fuel cells for Marine, Motorcycle, ATV and other various applications. However, we do not recommend using our fuel cells in an airplane application.

Summit fuel cells are made for racing applications only.
Fuel Cell Safety Foam

What is the life expectancy of our safety foam?

There is no set life to the safety foam. The inline fuel filters going to the fuel pump should be checked often.

Can the safety foam be used with Alcohol / Methanol / Ethanol (including E85) fuels?

No. Alcohol, Methanol, and Ethanol fuels are not recommended with our safety foam. We also do not recommend E85 fuel. The water content in these fuels will cause the safety foam to deteriorate.

Can the safety foam be used with Diesel fuels?

Yes. We recommend with the use of Diesel fuels the safety foam be replaced once a year or once a season. The inline fuel filters going to the fuel pump should be checked often. The water content in the Diesel fuel will cause the safety foam to deteriorate.

Can the safety foam be used with Water (in an Intercooler or ice water tank)?

We do not recommend using the safety foam with water. The water will cause the safety foam to deteriorate.

How can you tell of the safety foam is bad and needs to be replaced?

The foam will turn to granules or look like a flame burned it. Using Alcohol, Methanol, and Ethanol fuel, as well as other fuel additives causes this. Also, if you notice signs of deterioration in the fuel cell or at the inline fuel filters, the foam may need to be replaced.

How much safety foam should be installed into a fuel cell?

The foam should take up about 75% of the fillable void. The foam will expand when fuel is added.

How much volume of fuel does the safety foam displace?

The foam will take up anywhere from 1% to 4% of the volume of the fuel cell. This varies depending on the gallon capacity of the fuel cell. The smaller fuel cells, like 1 to 5 gallons will be around 1% to 2%. The larger fuel cells, like 16 to 32 gallons will be around 3% to 4%.