

Fuel Safe Racing Fuel Cells and Accessories

Ultra-durable **Fuel Safe Pro Cells** are designed to exceed the requirements of nearly all sanctioning bodies including SCCA. The FIA-FT3 certified bladder is constructed of ballistic nylon fabric, impregnated and twice coated with fire retardant polyurethane elastomers. This super-tough construction results in a bladder with 3540 psi tensile strength, 218 lb. tear strength and 245 lb. puncture resistance. Polyurethane safety foam baffling is installed to suppress explosions. All of the complete cells shown below are furnished with a standard fill plate (not remote) with rollover valve, a 6AN fuel pickup, and an 8AN vent with built-in check valve. Other configurations such as 8AN pickups are readily available.



Left: Aluminum containers have tops that slip over bottom like a shoe box. Mounting straps are usually used to hold the top in place. A top bolt flange similar to the steel cell is available by special order.

Right: Steel containers have a bolted flange at the top. The top plate is bolted to the lower portion.

In 2006, Fuel Safe changed the sizes of a number of their cells. Those listed in the table below with "pre '06" and "'06+" in the size column were affected by this change. The '06+ sizes are now standard. Please be aware when ordering replacement parts for older cells.



Special bladders such as those required for formula car or vintage applications can be quoted. An accurate, detailed, dimensioned drawing must be sent. The drawing must also show the location and type of filler, pickup, and vent. Allow 6 to 8 weeks for delivery.



| Capacity in Gallons | Size in Inches L x W x H | Complete Cell with Steel Container | Complete Cell with Aluminum Container | Bladder and Foam Only | Foam Baffling Only | Steel Container Only | Aluminum Container Only |
|---------------------|---|------------------------------------|---------------------------------------|-----------------------|---------------------|-------------------------|-------------------------|
| 8 gallon | 20.1 x 12.1 x 8.6 | 2501-08-STL \$899.00 | 2502-08-ALU \$979.00 | 2505-08 \$659.00 | 2506-08 \$99.99 | 2508-08-STL \$265.99 | 2509-08-ALU \$341.99 |
| 10 gallon | 25.6 x 10.1 x 10.1 | 2501-10-STL \$944.00 | 2502-10-ALU \$1,019.00 | 2505-10 \$679.00 | 2506-10 \$119.99 | 2508-10-STL \$284.99 | 2509-10-ALU \$356.99 |
| 12 gallon | pre '06: 20.1 x 17.1 x 9.1 '06+: 20.75 x 17.88 x 9.5 | 2501-12-STL \$999.00 | 2502-12-ALU \$1,079.00 | 2505-12 \$739.00 | 2506-12 \$139.99 | 2508-12-STL \$295.99 | 2509-12-ALU \$371.99 |
| 15 gallon | pre '06: 24.6 x 17.1 x 9.1 '06+: 26 x 17.88 x 9.5 | 2501-15-STL \$1,039.00 | 2502-15-ALU \$1,109.00 | 2505-15 \$754.00 | 2506-15 \$157.99 | 2508-15-STL \$316.99 | 2509-15-ALU \$409.00 |

Fuel Safe Wedge Fuel Cells for Formula Cars



Pro Cell for Reynard FF/FC
Part No. FS CB300

Please visit our website for full dimensions on these wedge cells.



Enduro Cell, Wide Shoulder with Shifter Notches
Part No. FS CB401

These semi-custom wedge cells from Fuel Safe fit some of the most common formula car applications. The CB300-series cells feature the same construction as the Pro Cells above. The CB400-series cells are constructed using the economical rotary-molding techniques perfected on the Enduro Cell line. Both types are fully FIA-FT3 certified and SCCA legal.

| Fuel Safe Pro Cells | Part No. | Price |
|--|----------|----------|
| Reynard FF/FC, Right Filler | FS CB300 | \$659.00 |
| 16" W x 15" L x 9" H Wedge, Right Filler | FS CB301 | \$619.00 |
| Crossle 35F/40F/45F, Center Fill Nipple | FS CB302 | \$659.00 |
| Crossle 35F/40F/45F, Center Bolt-On Filler | FS CB303 | \$659.00 |
| 14" W x 17" L x 9" H Wedge, Right Filler | FS CB304 | \$659.00 |
| Fuel Safe Enduro Cells | Part No. | Price |
| Wide-Shoulder Wedge w/Shifter Notches, Left Filler | FS CB401 | \$599.00 |

Metal enclosures available separately. Please see our website for full dimensions on all of these wedge cells.

Fuel Safe Accessories



Corner Pickup Fitting
Part No. 2521-3/8



In-Line Check Valve
Part No. 3216



8AN 90 Degree Bulkhead Fitting with Check Valve, Part No. FS ITVV08-90



Fuel Level Gauge
Part No. AM2641



12 inch Sender
Part No. FS SU12-0-90



Economy Dipstick Gauge (bulkhead fitting detail)
Part No. 2536-24

Standard Fuel Cell Pickup Add a second pickup to a cell by drilling an extra hole in the fill plate. Kits include a bulkhead union, 2 feet of hose, and fittings.

3/8 inch Fuel Pickup (6AN) with filter screen Part No. 2520-3/8 \$79.99

1/2 inch Fuel Pickup (8AN) with filter screen Part No. 2520-1/2 \$87.99

Sock Filter Only for 6AN Pickup (3/8 inch barb) Part No. FS FS38 \$22.49

Sock Filter Only for 8AN Pickup (1/2 inch barb) Part No. FS FS12 \$33.99

Corner Pickup Fitting Replaces the filter end of the standard pickup and allows more fuel to be used. However, it does not have any provision for attaching a filter screen.

3/8 inch Corner Pickup Fitting Only (no hose) Part No. 2521-3/8 \$59.99

2 Gallon Fuel Foam Block, 8 x 8 x 8 Inches Use to replace deteriorated fuel cell foam. Can be trimmed and used as replacement foam for custom or formula car cells. See above for replacement foam baffling kits for standard rectangular fuel cells.

2 Gallon Fuel Foam Block, 8 x 8 x 8 inches Part No. 2541 \$68.99

Fuel Vent Check Valves These valves allow air into the cell but close off when turned upside-down to prevent fuel spillage in a rollover. We offer in-line valves for installation in the vent hose as well as bulkhead fittings for installation in the fuel cell fill plate.

In-line Check Valve, push-fit in 3/8" ID or 8AN hose Part No. 3216 \$25.99

In-line Check Valve, male 8AN fittings each end Part No. FS ILVV08 \$109.99

In-Line Pressure Relieving Check Valve, male 6AN Part No. FS TPV6 \$179.99

This vent valve is normally closed to prevent vapors from escaping. It opens to let air in at 0.08 psi. It opens to relieve pressure in the tank at 0.725 psi.

6AN Bulkhead Vent Fitting w/ Check Valve Part No. FS ITVV06 \$64.99

6AN Bulkhead Vent Fitting w/ Check Valve, Sprung Part No. FS ITVV06S \$64.99

8AN Bulkhead Vent Fitting w/ Check Valve Part No. 2522 \$64.99

8AN Bulkhead Vent Fitting w/ Check Valve, 90 Degree Part No. FS ITVV08-90 \$99.99

Fuel Displacement Blocks If your fuel cell holds more fuel than you need to finish a race, you are carrying extra weight. One extra gallon of fuel adds about 6 pounds! These lightweight hollow blocks take up space to reduce the fuel capacity of the cell. They make it easy to put less fuel in the cell without having to measure the fuel level or the amount of fuel being added. Simply fill the cell to the top as you normally would.

1/8 Gallon Displacement Block Part No. FS DB025 \$29.99

1/2 Gallon Displacement Block Part No. FS DB050 \$46.99

1 Gallon Displacement Block Part No. 2539 \$92.99

Fuel Level Senders and Gauges

Fuel Cell Fuel Level Senders These unique senders are designed specifically for use in racing fuel cells. They are fully enclosed, which makes them very rugged and dependable. They are not affected by baffling foam or by acceleration or cornering forces. All sizes will work with any GM-compatible ('65 and up GM, 0 - 90 ohm range) gauge including Part No. AM2641 shown above. Other ohm range senders are also available by special order to work with other gauges. Note: These senders cannot be shortened. Please see our website for more length options.

8" Fuel Level Sender Part No. FS SU08-0-90 \$101.99

12" Fuel Level Sender Part No. FS SU12-0-90 \$101.99

Fuel Level Gauge, 2 1/16" diameter Part No. AM2641 \$55.99

Economy Dipstick Fuel Level Gauge If you don't need to monitor your fuel level during the race, this dipstick is a convenient, economical alternative. The dipstick is built into an 8AN fitting for mounting in the most crowded fill plate. It is stored in the fuel cell, so you'll never have to go hunting for it. Universal 24 inch stick can be cut to any length.

Economy Dipstick Fuel Gauge, 24 inch Part No. 2536-24 \$58.99