

Filling Aluminum Fuel Bottles

It is unsafe to overfill aluminum fuel bottles (commonly known as Sigg bottles). During testing, fuel bottles that were filled above the fill line and set in the sun reached pressures of about 550 psi before bursting. Under the same test conditions fuel bottles that were not filled past the fill line reached less than 1 psi. To make sure your fuel bottles are safe to carry do not fill them above the fill line.



An example of a fill line on an aluminum fuel bottle



The pressure in this overfilled fuel bottle reached almost 550 psi before the bottle burst



An example of a fuel bottle that burst from too much pressure