



Product Life

Due to fatigue occurring in normal use the life of all pressure vessels is finite regardless of corrosion, erosion or other damage.

Using calculations from the Pressure Directive, PD5500, and assuming working at the maximum working pressure of 2.4 bar this gives the autoclave vessel a projected fatigue life of 15,000 operating cycles.

The lifespan of the autoclave will obviously depend upon frequency of use and the frequency and quality of the preventive maintenance carried out on the Autoclave, but for example (based on a 365 day working year) if the autoclave is used two or four times per day this gives a working life of 20.5 to 10.2 years respectively.

Your own usage of the autoclave should be considered to determine the actual lifespan of the Autoclave.

It is recommended that all Priorclave Autoclaves are regularly maintained by approved Priorclave Service providers.