

			

9. PACKMAKER WARNING

Design rules for making battery assemblies; Saft recommends the following:

- Saft recommends the use of an individual electronic cell protection circuit referred to as a “**1S**” type. (per “**1**” cell, “**S**”eries connected).
- Saft recommends mechanically fixing the cells to a printed circuit board by the positive and negative tabs and not via methods using the sleeve, glue, encapsulation or adhesive resin.
- On the MP xtd, MP xc cells, the maximum traction force acceptable on each tab is 3.0 Kg
- Do not immerse in resin or glue, any parts of the parts of the cell which have a safety function such as the pressure activated current breaker or safety vent. This will compromise the efficiency of the safety features in the case of vent or critically destructive fault.
- For using other types and designs of protection circuits, please consult Saft.
- For cells of a prismatic design, it is normal that at the centre of the large flat side of the cell to increase in dimension over its cycle lifetime. The dimensional difference can also be influenced by aging, temperature and its application. This needs to be taken into consideration when designing a multiple cell battery product. Saft’s application engineers are available to assist in determining this factor for your batteries design.

10. CHANGES

Saft reserves the right to revise this User Manual and make changes in the content thereof at any time without notice.