

# DON'T LET THE SEALS LIMIT YOUR LITHIUM BATTERY PERFORMANCE

## **Tekna Seal... The High Performance Alternative for Battery Feedthrus**



Tekna Seal is the leader in glass-to-metal hermetic seals used in the lithium battery industry. We produce a large array of custom designed battery lids for primary, secondary and reserve cell applications.

The Tekna Seal proprietary oxide-free glass sealing process requires no chemical clean up, eliminating potential chloride contamination or carbon sensitization.

The Tekna Seal glass sealing process allows the use of a variety of corrosion resistant metals with glasses compatible with lithium battery chemistry:

- Header materials: stainless steel, titanium and titanium alloys
- Pin materials: molybdenum, platinum-iridium alloy, niobium and tantalum
- Glass materials; TA-23, Cabal 12, barium alkali, and borosilicate

Since every battery feedthru Tekna Seal manufactures is custom designed for the specific customer application, it is best to contact us by E-mail or phone to discuss your requirements.

**TEKNA  
SEAL**  
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**Contact us today  
and let Tekna Seal  
unleash your  
battery designs!**