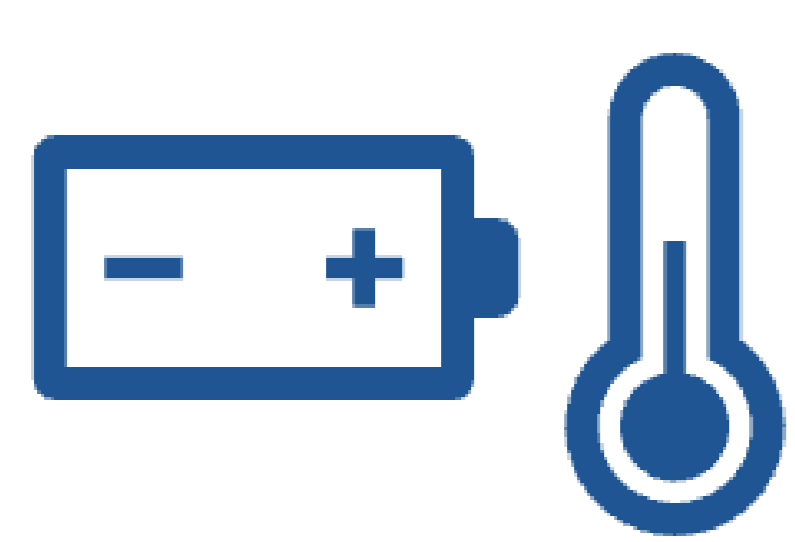


A COOL SOLUTION FOR BATTERIES



MPDB® POCKET PROFILE COOLING

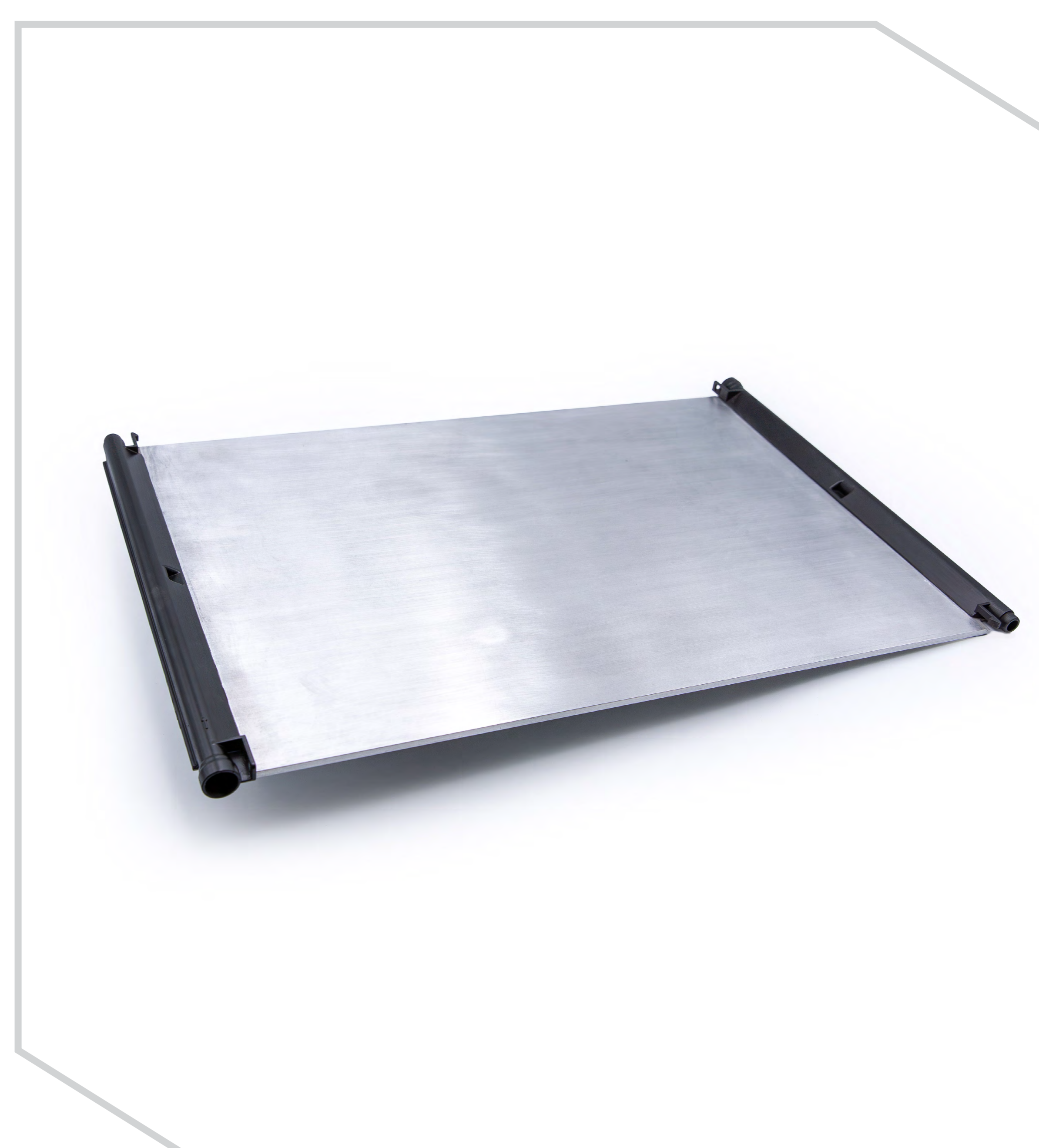
- **No expensive brazing** - no corrosive flux
- **Small length** and **bending tolerances**
- Freely **definable connector design**
- **Electrical isolation** via Powder- or UV-coating
- Significant **cost and weight advantages**

**Your development partner for
customers from the automotive sector
and other industries.**

**NEW INNOVATIVE
E-MOBILITY PRODUCTS
WITH MPDB®**



**INTERCELL
COOLING**



**BATTERY COLD
PLATES**

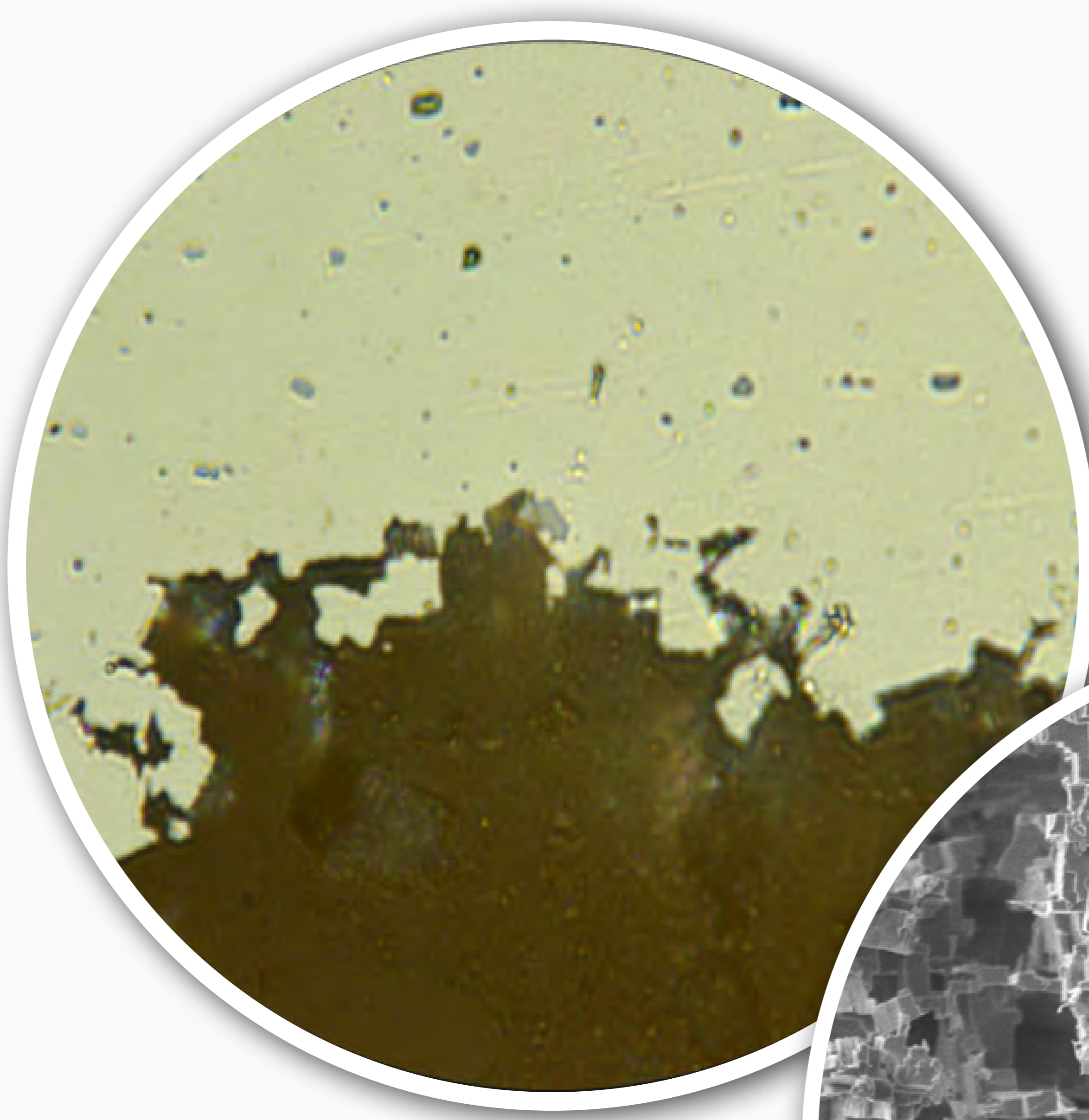


**POWER ELECTRONIC
COOLING**

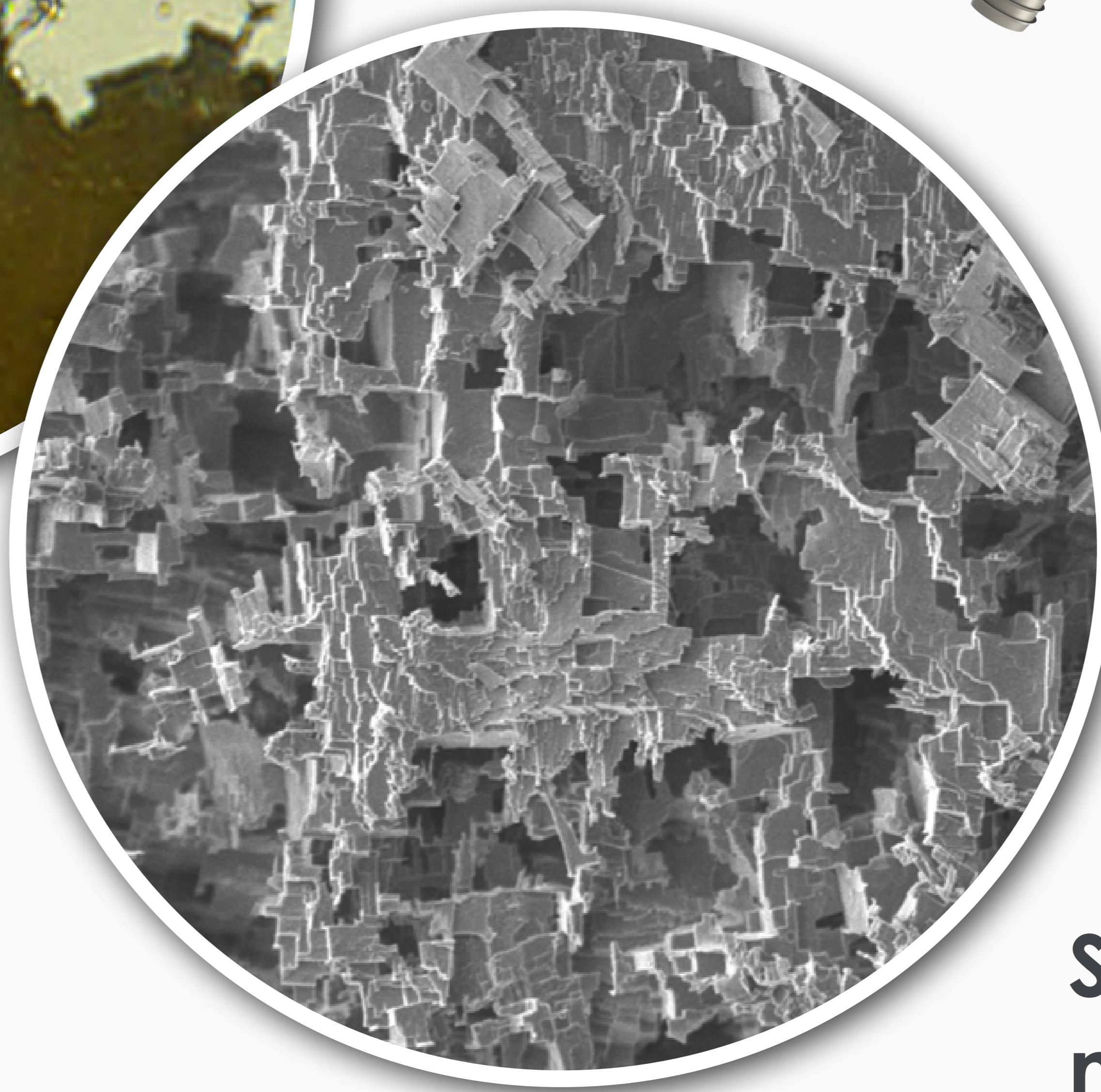


**BATTERY POLE
SEALING**

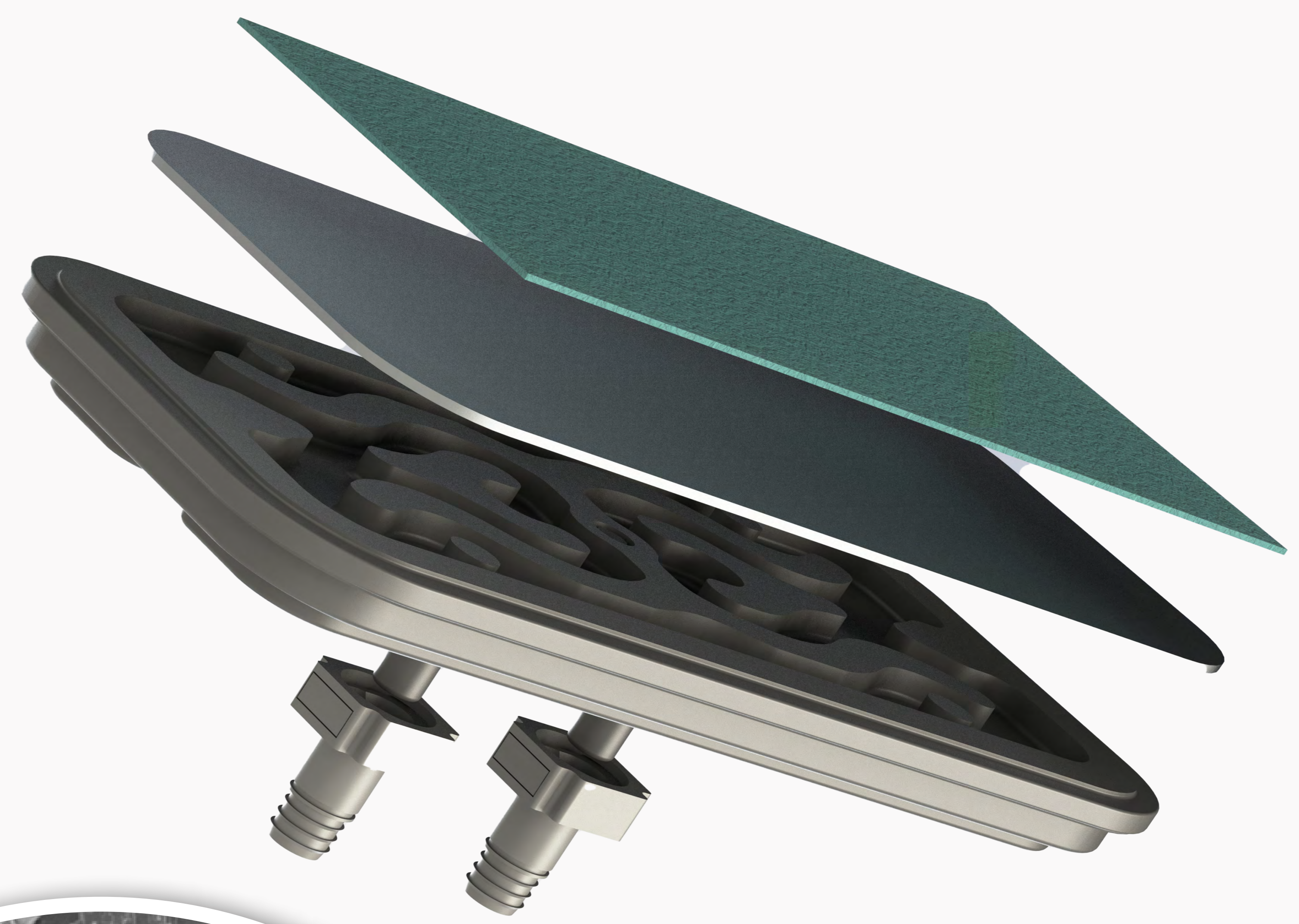
**sales @quarder.de
www.quarder.de**



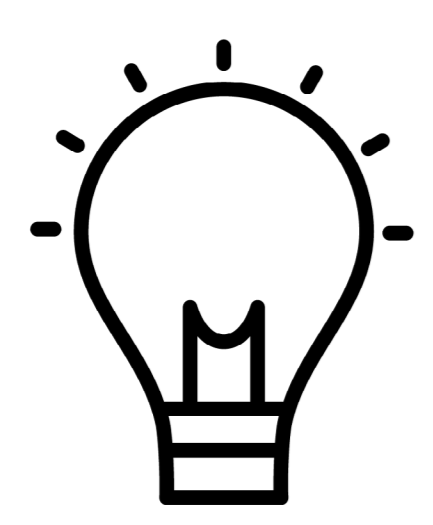
Crosscut of the hybrid
micro-nano-composite



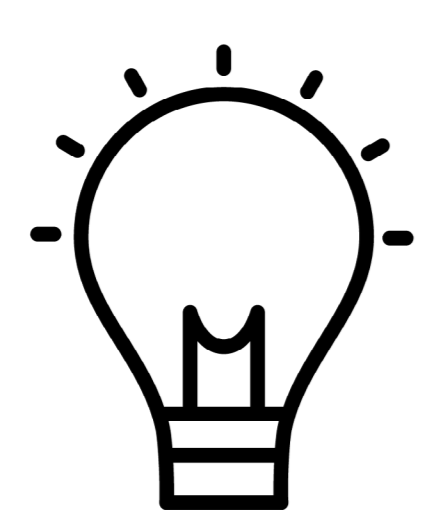
SEM image of the
micro-nano-structure



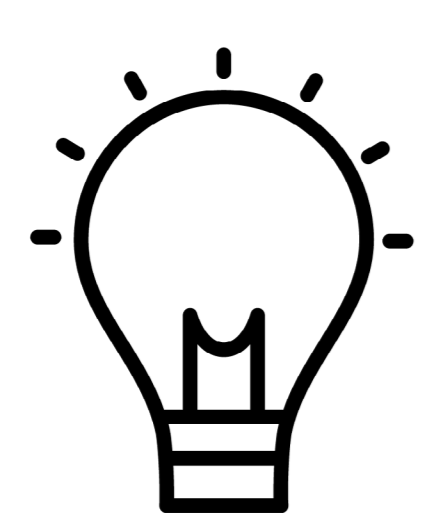
WHAT IS OUR MPDB® TECHNOLOGY ABOUT?



MPDB® allows the **direct combination** between **plastic and metal**, which is **helium tight** and has **long term stability**



Elimination of brazing, sealing elements or screw connections



New **design freedom** with innovative possibilities for **functional integration** by combining plastic injection moulding with the metals processing industry