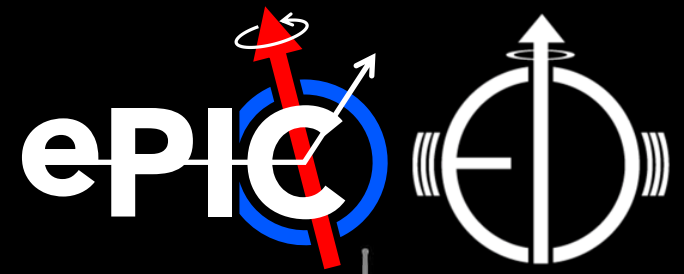




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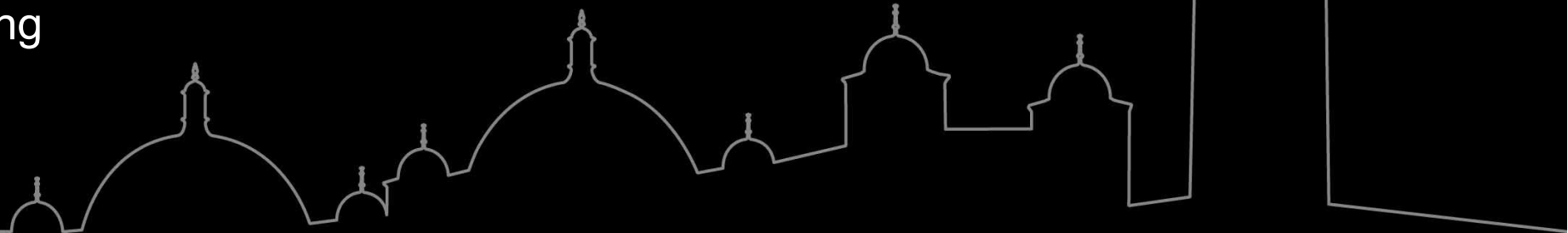


Thin, Diced Dummy Silicon (Delivered from CERN to B'ham)

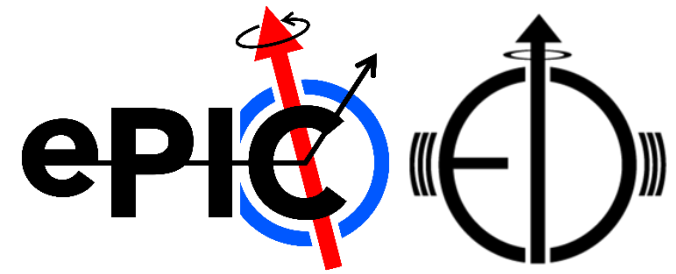
James Glover

OB module: ad-hoc meeting

Mon, 10th June 2025



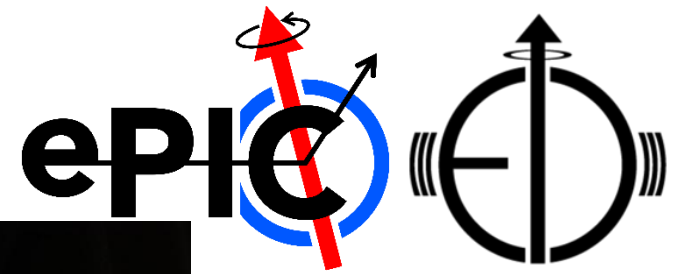
Dummy silicon for ePIC SVT



- Prepared, thinned and diced by DISCO.
- Delivered as full wafers with adhesive foil (to hold chips in place).
- Chips removed from backing foils at CERN, as [reported by Georg Viehhauser](#) @ SVT general meeting (13th May '25).
- Samples prepared for SVT IB, OB and Discs.
- Only OB samples and off-cuts shipped to UK.
 - 5RSU_LAS and 6RSU_LAS.
- A mixture of shipping containers trialled.
 - Membrane boxes (preferred by CERN who don't ship via courier, no adhesive).
 - GelPaks (Good experience from ATLAS for international shipping but not trialled with 50 μm silicon, removal is a worry).



Package received

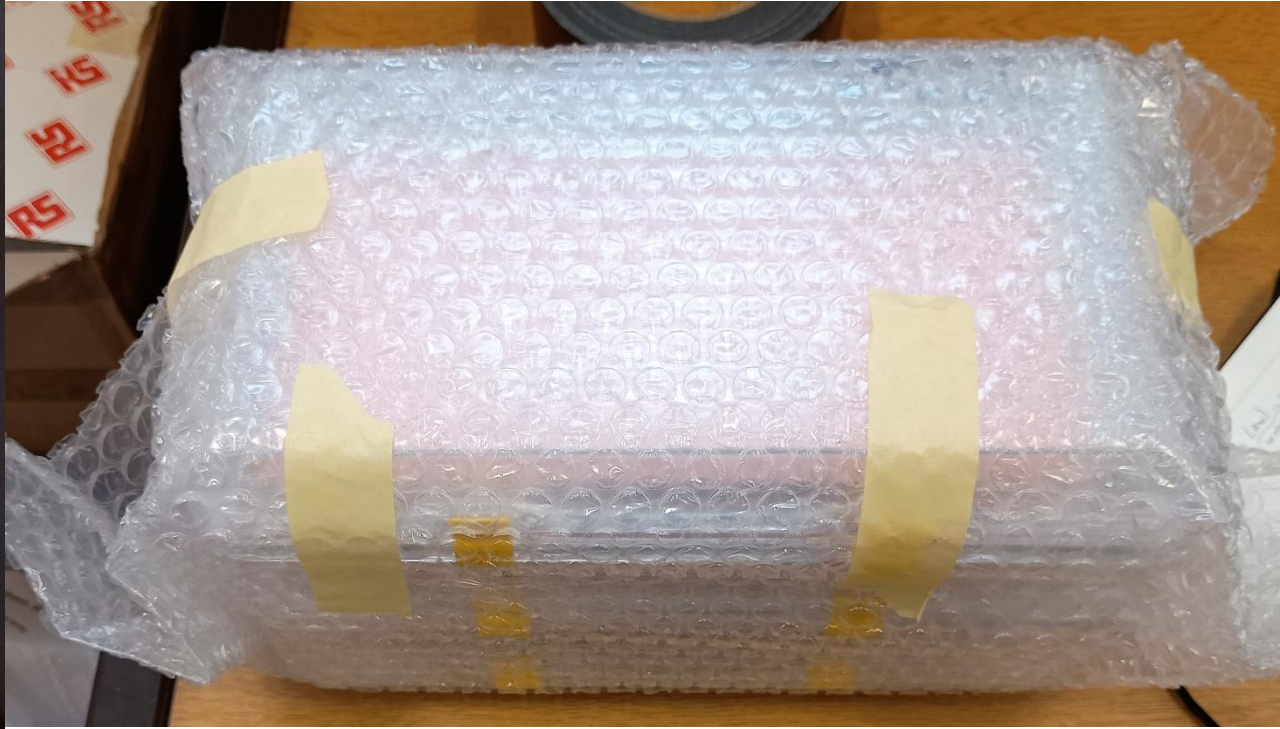
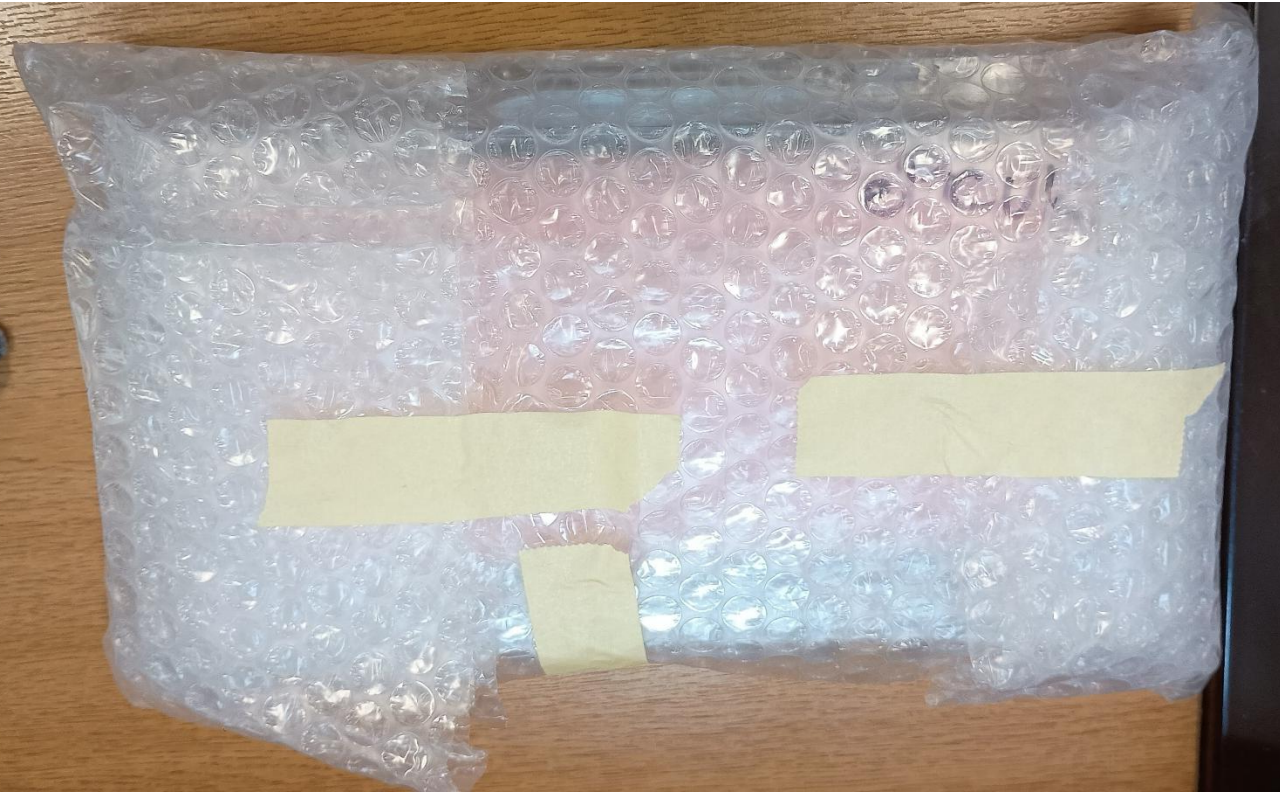
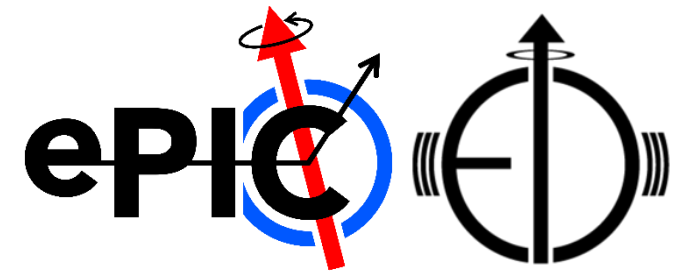


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10 June 2025

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Membrane boxes



Multiple bundles of boxes packed.

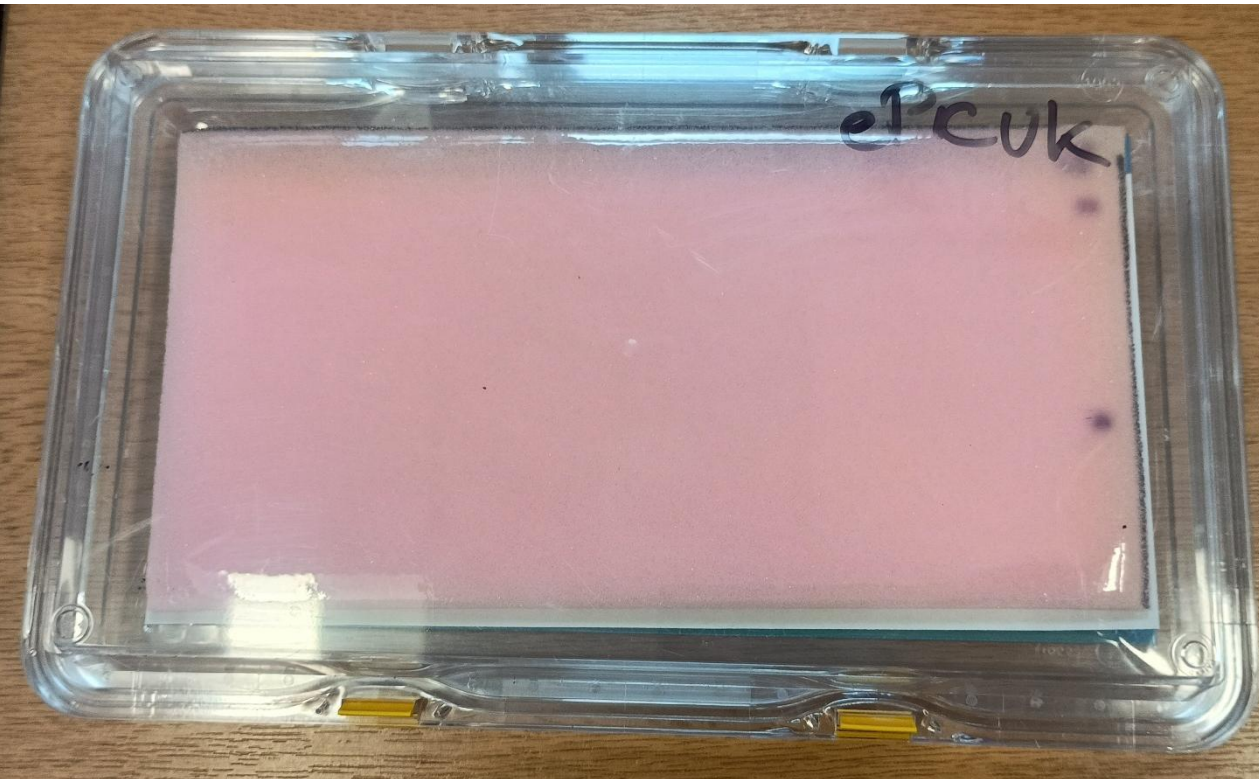
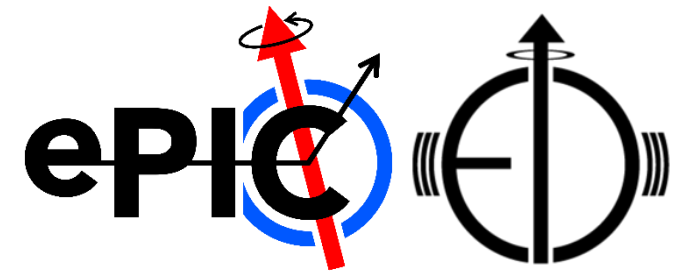


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OB module: ad-hoc meeting

Membrane boxes



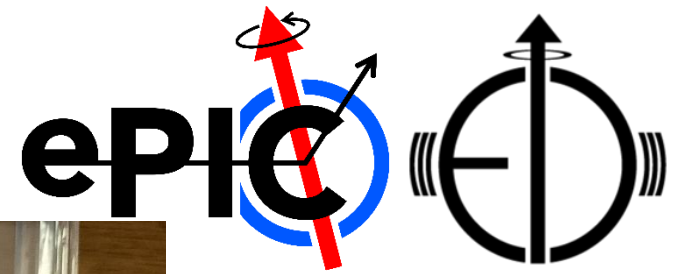
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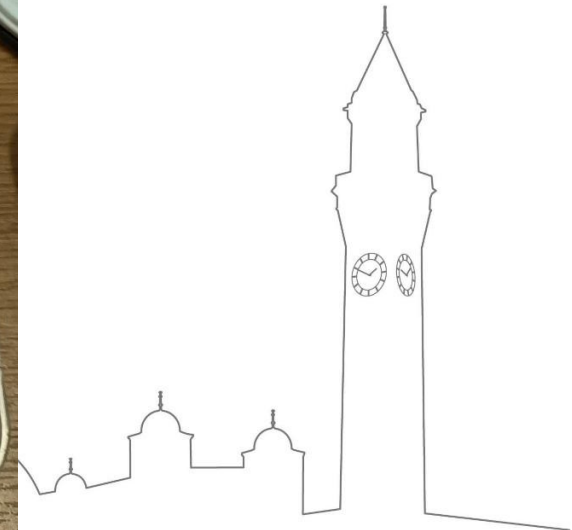
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Opening the membrane boxes



Layer of ESD
safe foam
and lint-free
paper on the
top of the
silicon.

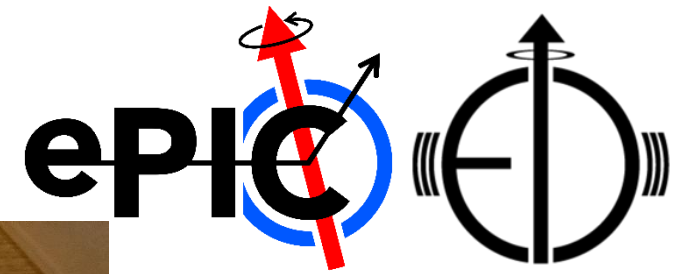


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Opening the membrane boxes



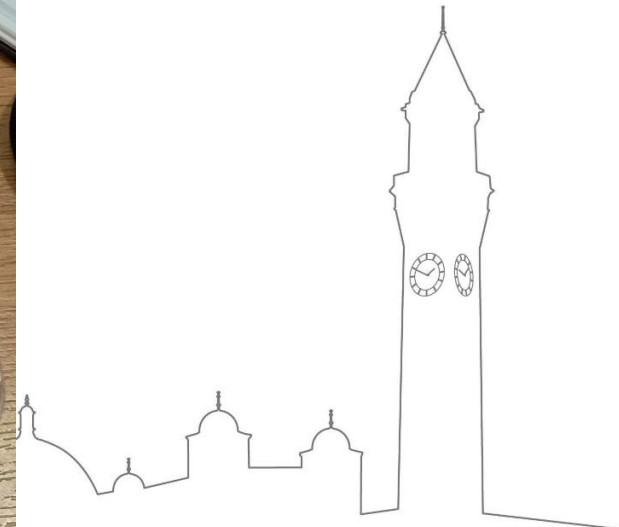
Silicon
appears to
have moved
during
shipment!



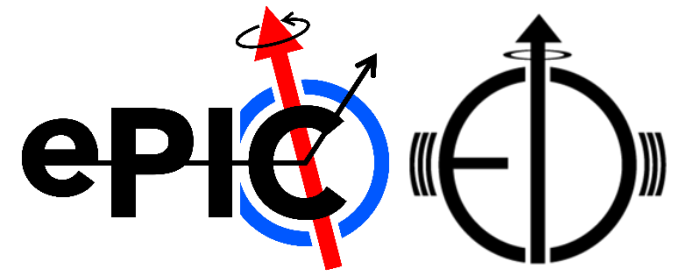
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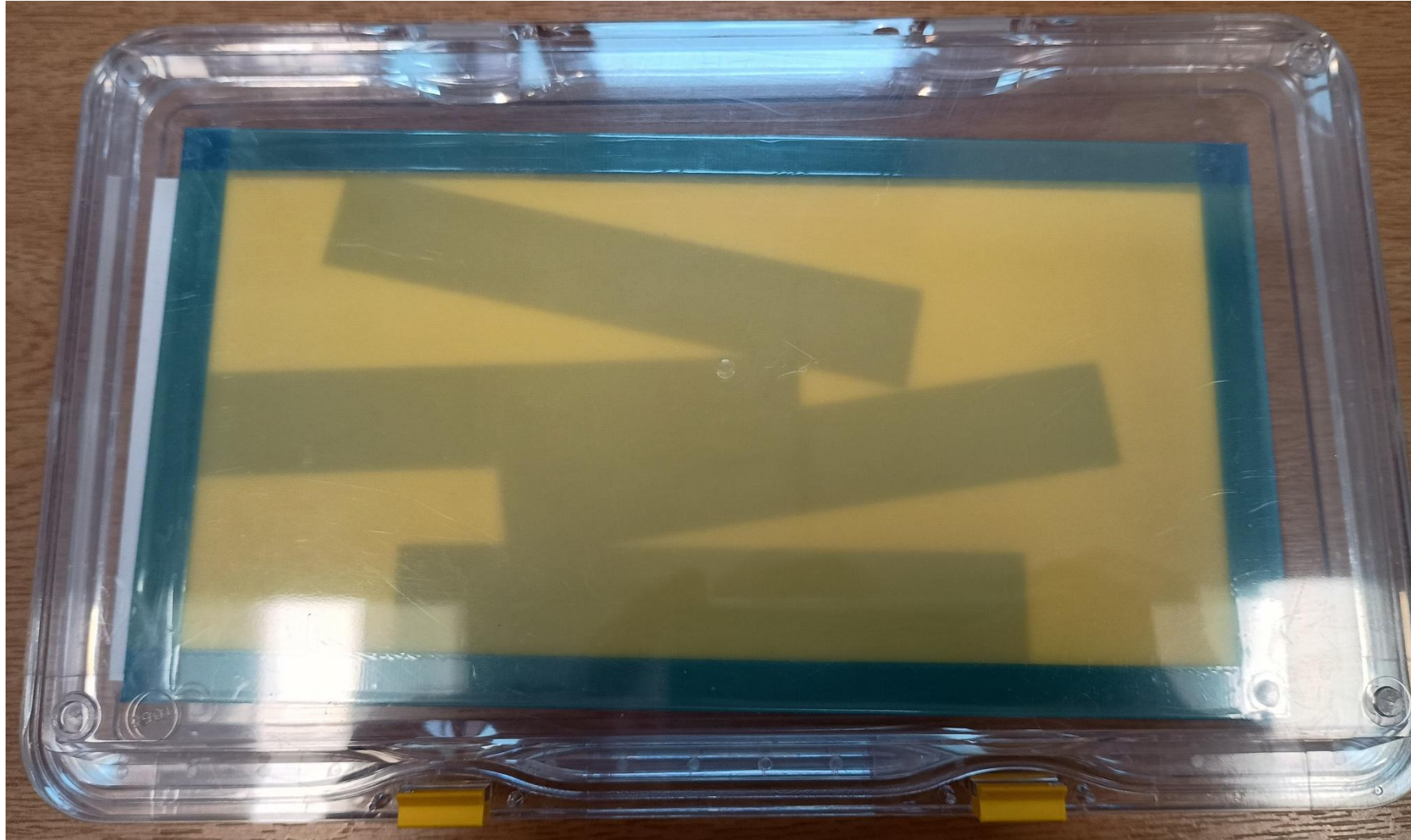
OB module: ad-hoc meeting



Sanity check



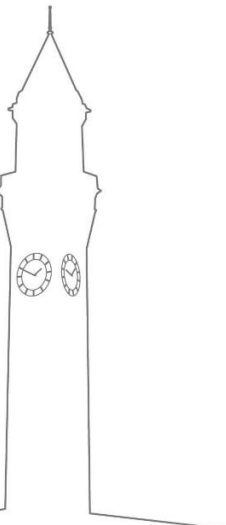
Confirmed
that opening
of box and/or
removal of
foam and
paper did not
move the
silicon.



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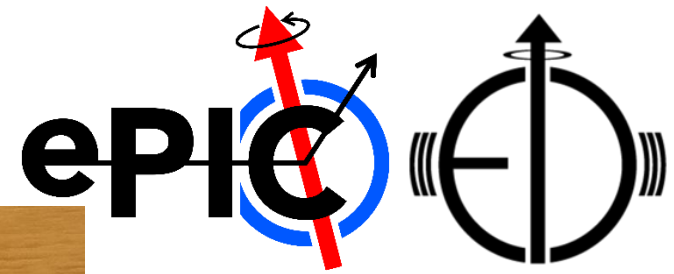
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GelPaks

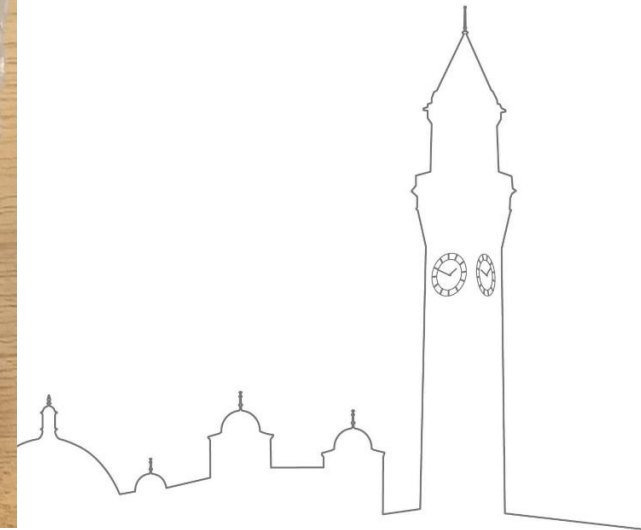
Two bundles received, one with 2 empty GelPaks and the other with off-cuts and edge pieces.



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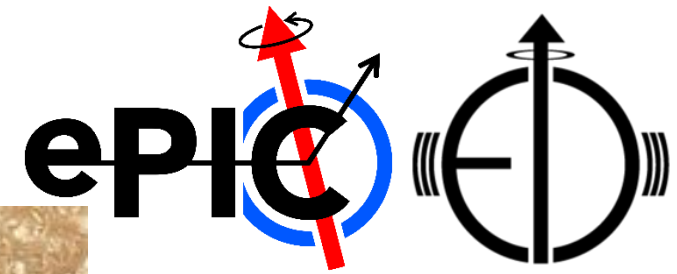
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GelPaks

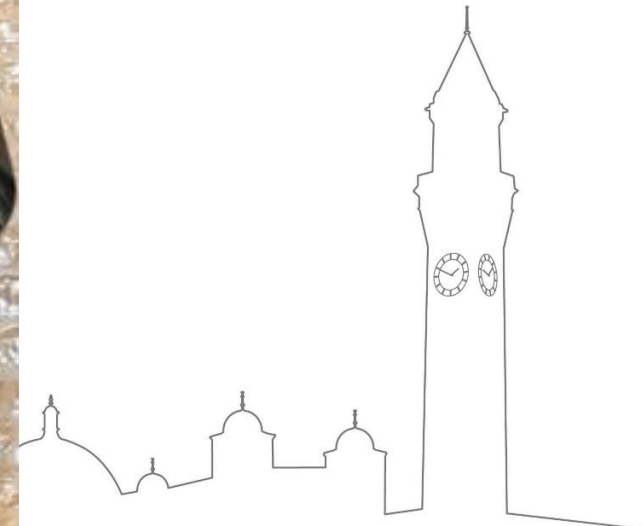
One bundles
of 4 GelPaks
received, 2
empty and 2
with off-cuts
and edge
pieces.



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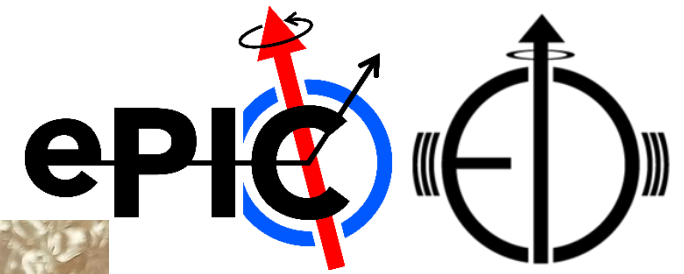
10 June 2025

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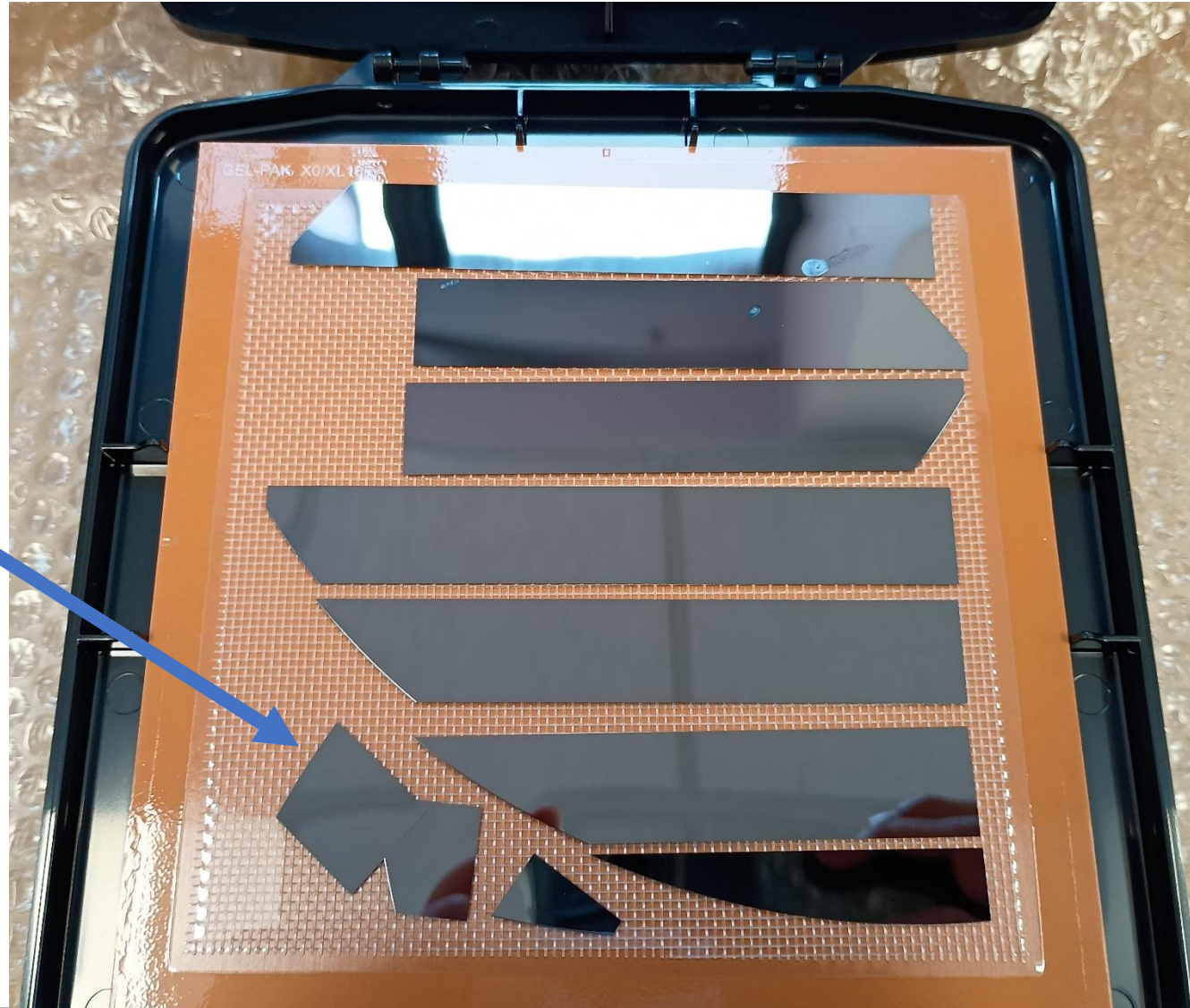


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Opening the GelPaks



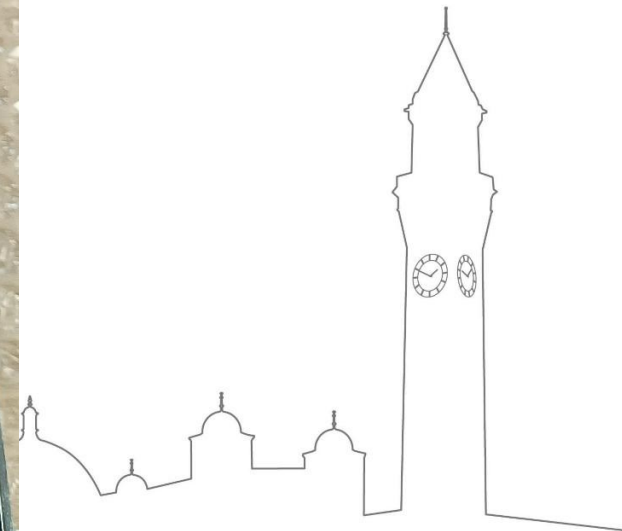
One small off-cut appears to have moved. Could this just have been misplaced?



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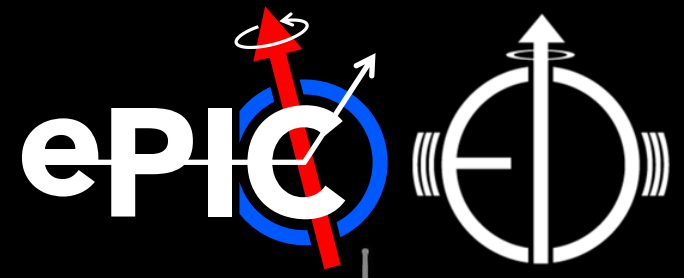
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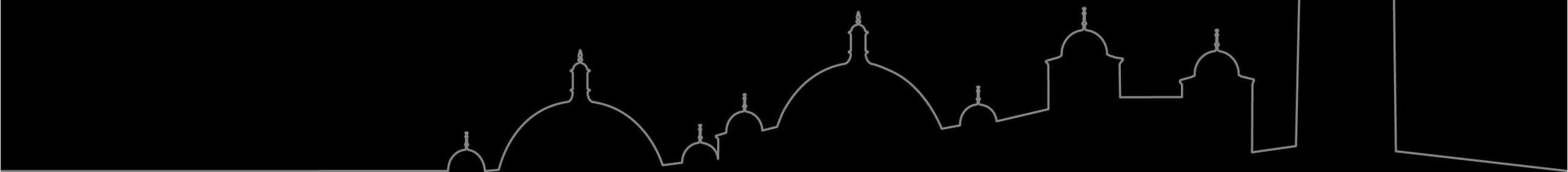


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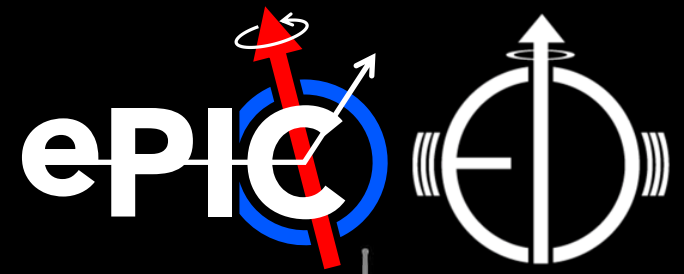
Thank you very much!

Any questions?

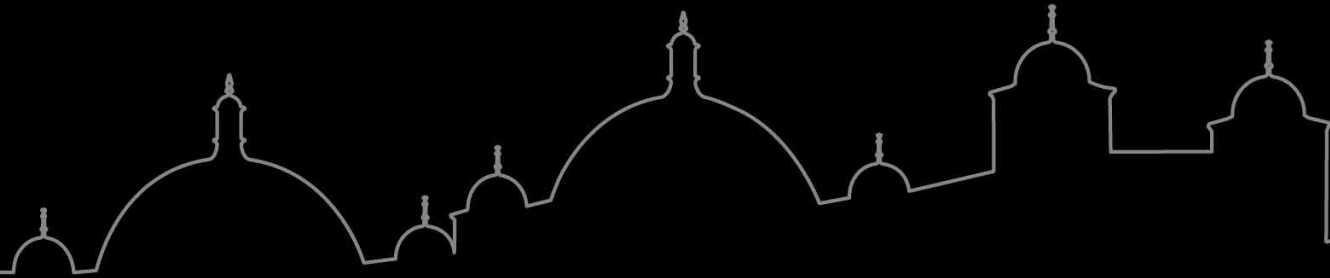




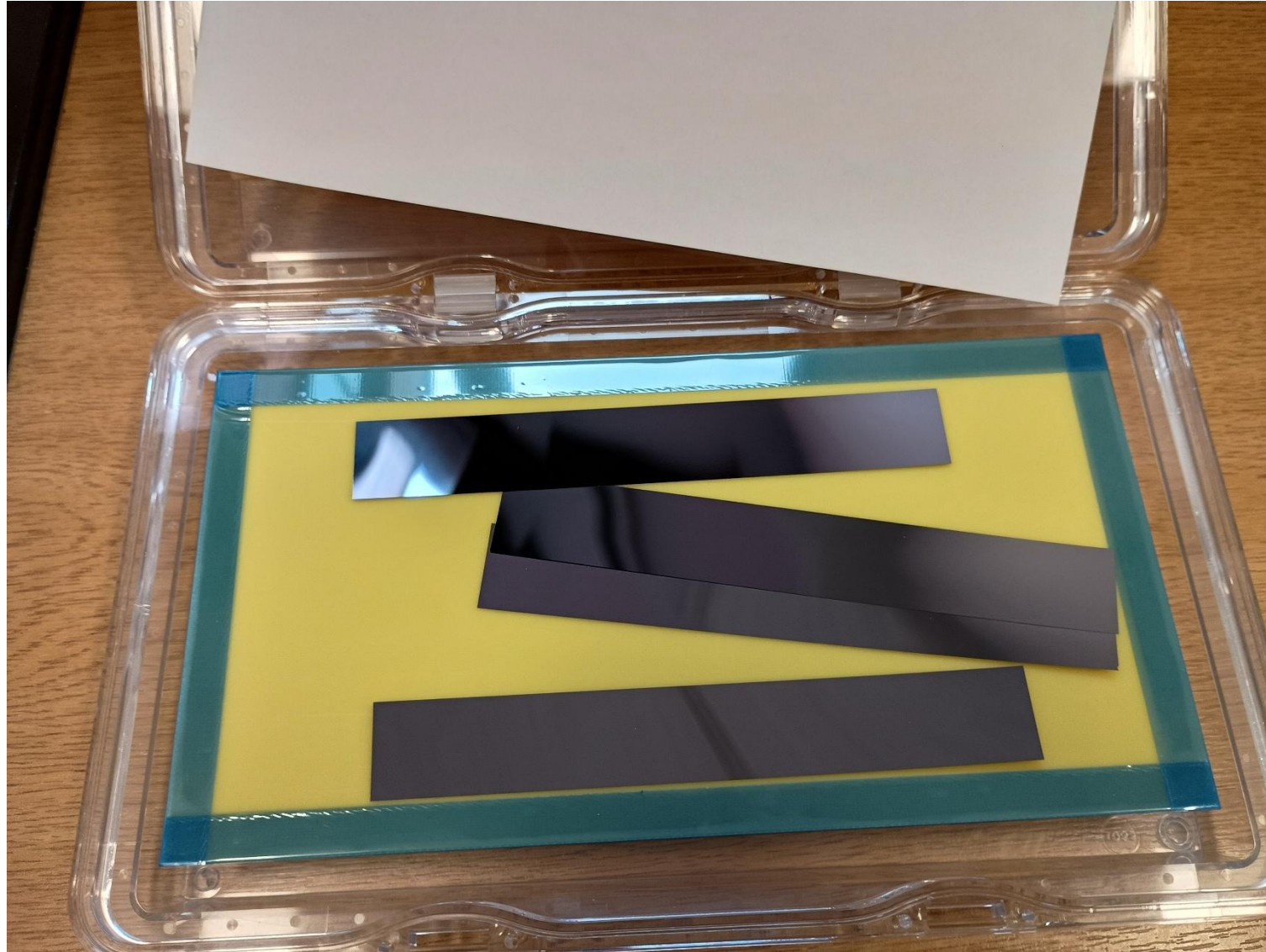
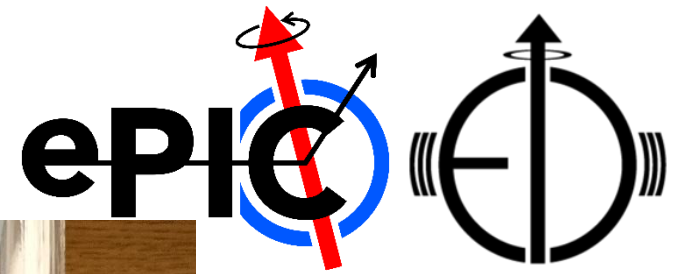
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Additional (support) slides



Membrane box #2



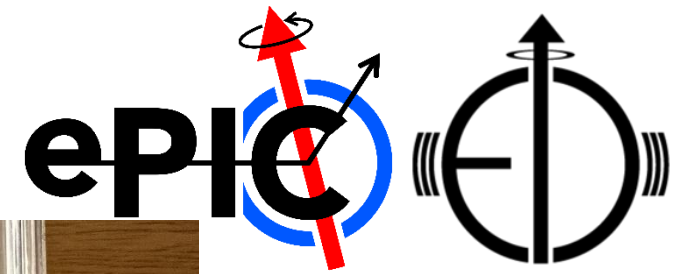
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Membrane box #3



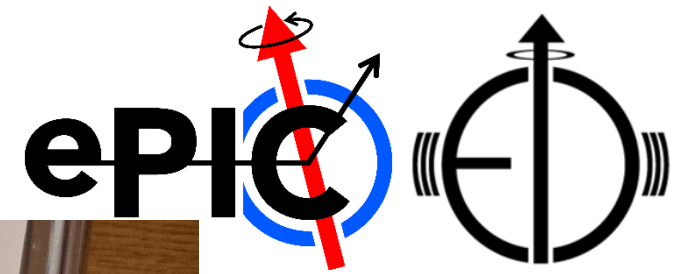
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Membrane box #4



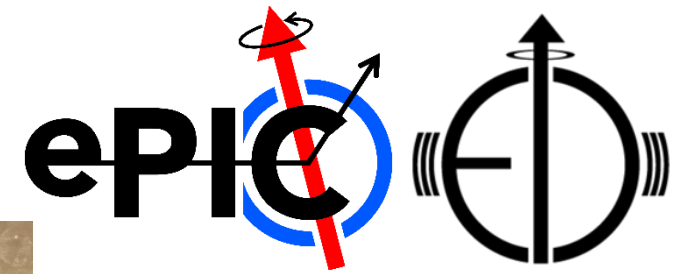
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GelPak #2



No issues seen!



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