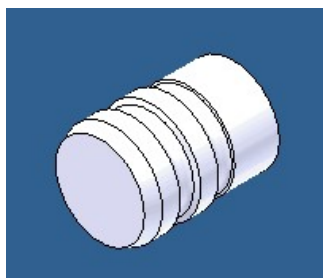


Airtight Spacer for Solid State NMR

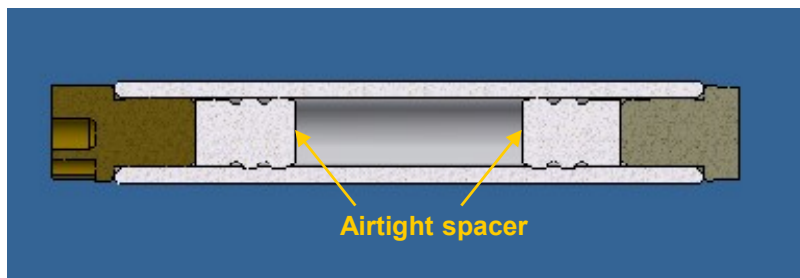
Product Used : Nuclear Magnetic Resonance

The airtight spacer enables to perform non exposed solid state NMR measurements.

The jigs and the tools for the spacer allow easy and convenient attaching/detaching even in a globe box.

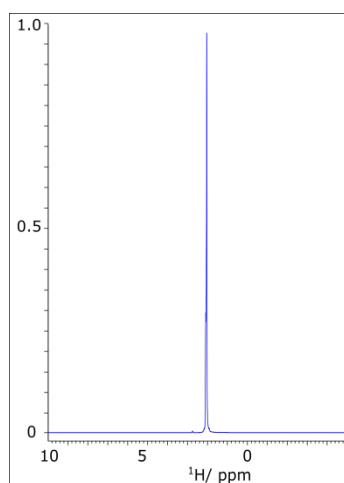


Airtight Spacer

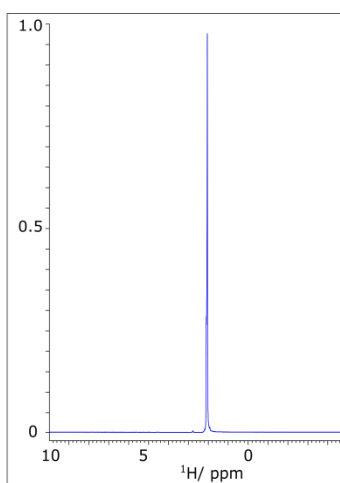


Sealing performance

^1H spectra of acetone @ 5kHz MAS, 30°C

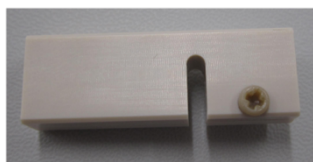


→
3days



Acetone is highly volatile solvent. But, no spectrum and weight change were observed after 3 days @ 5kHz MAS

Jigs and Tools for the airtight spacer



- ※ The spacer is single use.
- ※ Compatible with the 3.2mm rotor.
- ※ The maximum MAS frequency while using the spacer is 20kHz.
- ※ Jigs and tools for the airtight spacer are under development. The design is subject to change

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