



Integrated Liner Technologies

The world's leading manufacturer of caps and septa.

Smart Septa



ILT's innovation in manufacturing capability has enabled us to design and produce septa, assembled lined caps and well plate mats that have a groundbreaking radio frequency tag (RFID) embedded within the silicone material.

Products have been tested to withstand the laboratory rigors used for analysis of environmental samples, headspace samples and well plate storage conditions. [SmartSepta](#), [SmartCap](#) and [SmartMat](#) products can withstand various temperature ranges without affecting the readability of the RFID tag or the information stored under each unique RFID identification code.

[SmartSepta](#) from ILT is supported with a fully customizable software package to manage the stored data from the RFID tag code. Effective for sample identity and characteristics to storage location, [SmartSepta](#) software digitally records and tracks any and all information entered by the user for a particular sample with a quick scan of the embedded RFID tag.



Features

- Scan tags with commercially available RFID handheld devices
- Track samples at the individual vial/cap level
- Temperature extreme agnostic
- Protected from chemical sample within the silicone/PTFE layers.
- Tag cannot be removed or tampered with
- Customizable data storage parameters
- Secure administration of data