Product Briefing

Chromacol 9-SC bonded caps

Bonded cap and seal

- The seal is physically bonded to the cap by a reagent free process
- Available with a solid or pre-cut seal.
- Fits the wide range of Chromacol wide opening screw thread vials.

Chromacol bonded caps combine the auto sampler capability of the industry standard 9mm robotic caps with the broad chemical resistance of the silicone/PTFE seal in a single bonded unit.

Chromacol 9-SC bonded caps are designed to fit the full range of Chromacol 9mm vials from the standard 2mL to High Recovery and Micro+™ vials

Chromacol 9-SC Bonded Caps provide:-

- Reagent-free bonding of silicone/PTFE seals to the polypropylene cap.
- Broad compatibility with robotic auto sampler vials.
- Solid or pre-cut seals for different instrument capability.
- Colouring to give easier identification of bonded caps.

Chromacol 9-SC Bonded Caps

Chromacol Bonded Cap	Colour	Seal Material	Cap Material	Seal Type	Vial Compatibility
9-SC(BLK)-BST1	Black	White Silicone/Red PTFE 1mm	Polypropylene	Solid	2-SVW and all 9mm screw thread vial variants.
9-SC(GY)-BST1X	Light Grey	White Silicone/Red PTFE 1mm	Polypropylene	Pre-cut	2-SVW and all 9mm screw thread vial variants.

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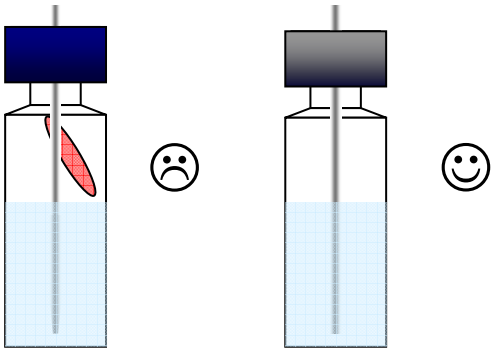
Chromacol 9-SC bonded caps

Prevent seal push through

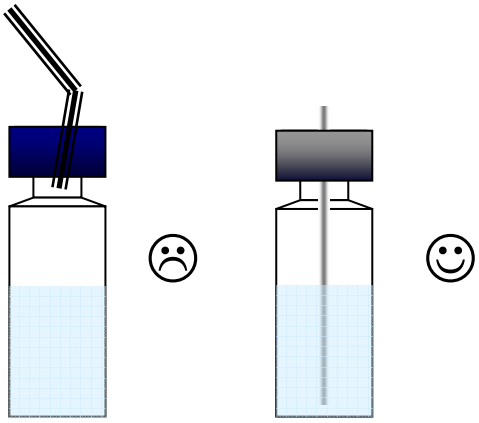
Even with high force and blunt needles.



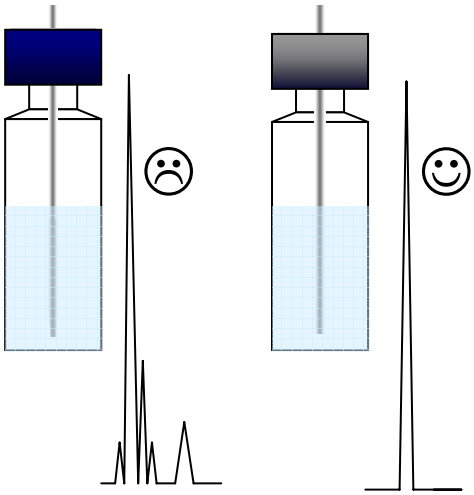
With some autosamplers the force used for seal piercing can displace the seal into the vial and thus allow possible sample loss and contamination problems. Bonding into the cap prevents this while retaining the flexibility of the silicone seal.

Prevent Needle bending.

Pre-cut seals prevent the bending and breaking of more fragile needles.
The cut allows the needle to pass through the seal with minimal force, while closing after each needle extraction.



Reduce sample contamination



The bonding avoids contamination as a result of seal handling and placement. The clean silicone/PTFE seals prevent contamination from the seal even after a number of re-injections.
The reagent free bonding adds no further chemicals to the seal and cap and will not give extra peaks, even when used with GC-MS or LC-MS.