

Thermo Scientific Chromacol Snap Caps with Resealable Septa

New and improved open top snap caps

Thermo Scientific Chromacol Snap Caps, are convenient, easy to use closures for samples of low to moderate volatility.

Product Improvements:

- Cylindrical profile improves handling by autosampler mechanisms
- External texture provides dependable vial sensing on autosamplers employing optical vial detection
- Redesign of locking tabs provides easier application and removal of caps
- Increased open penetration area decreases needle bending
- Increased contact area with septum for improved sealing



Chromacol 11mm polyethylene snap caps are a popular closure option for convenience and high productivity in many HPLC and IC analytical procedures. The closures are available with a variety of pre-inserted septa including PTFE/Red Rubber, PTFE/Silicone, PTFE/Silicone/PTFE and Viton. Cap and septum combinations are available for all major types of instrumentation covering a broad range of applications. The redesigned locking tabs allow for easy application and removal of the closures while providing evenly distributed septum sealing force. The larger open penetration area, and flat top surface of the cap virtually eliminates needle bending due to autosampler alignment issues.

Product Performance

- Easy to apply and remove without tools
- Redesigned vial attachment provides easier application and removal of caps
- Enlarged membrane target allows for needle penetration across the entire vial opening
- Wide contact area allows for superior performance with a broad selection of snap cap vials and resealable septa
- Textured outer surface for easier gripping and improved detection by autosamplers with optical vial sensors

Cap Type	Vial Type	48 hour 40°C weight loss
Old Style T/S	Glass	0.087
Redesigned Cap	Glass	0.008
Redesigned Cap	Polypropylene	0.011
Crimp Top	Glass	0.002

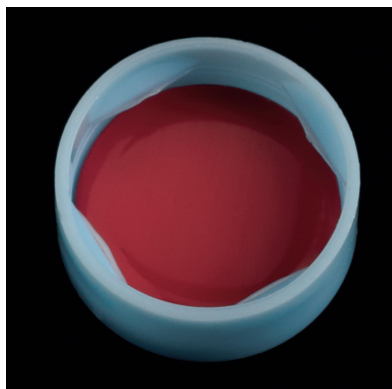
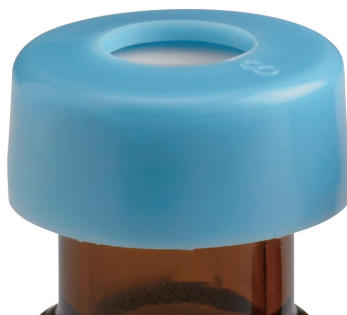
The results in the chart give measured evaporation rates for 100% methanol held for 48 hours at a constant incubation temperature of 40°C. This represents an extreme condition. Evaporation rates for normal aqueous samples maintained at room temperature can be expected to be even lower.

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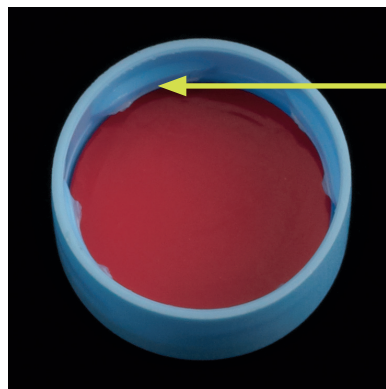
Product Features and Benefits

- Convenient resealable closure for Snap Cap vials
- Redesigned vial attachment provides easier application and removal of caps
- Cylindrical shape improves handling characteristics for all autosamplers accepting 12×32mm vials.
- Enlarged open area allows for needle penetration across the entire vial opening
- Textured outer surface for easier gripping and improved detection by autosamplers with optical vial sensors
- Pre-inserted septa minimizes potential for contamination due to hand assembly of closures

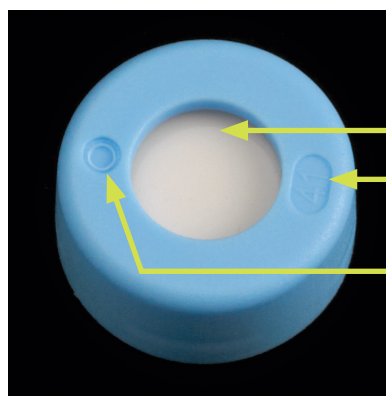
Old Style Snap Cap



New Style Snap Cap



Wide locking tabs evenly distribute sealing force



Larger Target Area
Recessed Mold Cavity Number
Recessed Resin Injection Point

Description	Quantity	Part Number
11mm Snap Cap, Blue, PTFE/RR Septum	500/Pack	11-PSN(B)-8RT1
11mm Snap Cap, Black, PTFE/RR Septum	500/Pack	11-PSN-8RT1
11mm Snap Cap, Yellow, PTFE/RR Septum	500/Pack	11-PSN(Y)-8RT1
11mm Snap Cap, Blue, PTFE/Silicone/PTFE Septum	500/Pack	11-PSN(B)-TST1
11mm Snap Cap, Blue, PTFE/Blue Silicone Septum	500/Pack	11-PSN(B)-ST101
11mm Snap Cap, Blue, Red PTFE/White Silicone Septum	500/Pack	11-PSN(B)-ST1
11mm Snap Cap, Black, Red PTFE/White Silicone Septum	500/Pack	11-PSN-ST1
11mm Snap Cap, Blue, Blue PTFE/White Silicone-slit Septum	500/Pack	11-PSN(B)-ST1X
Vial Kit, Clear Glass, Snap Cap, PTFE/RR Septum	100/Pack	2-RVST-CP
Vial Kit, Clear Glass, Snap Cap, PTFE/Silicone Septum	100/Pack	2-RV8-CP

For more information, visit the **Chromatography Resource Center** at thermoscientific.com/snap

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