

Thermo Scientific National Snap-It Caps with Resealable Septa

New and improved open top snap caps

Thermo Scientific National Snap-It 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



Thermo Scientific National 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

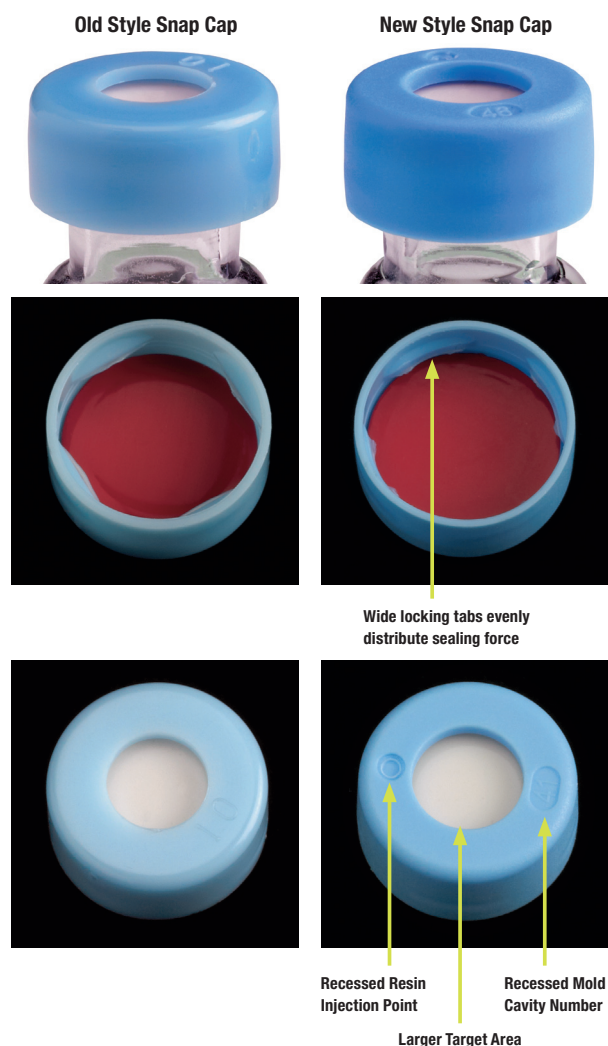
Cap Type	Vial Type	48 hour 40°C weight loss
Old Style T/S	Glass	0.087
Redesigned Cap	Glass	0.008
Redesigned Cap	Polypropylene	0.011
Crimp Top	Glass	0.002

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 12x32mm 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



Description	Quantity	Part Number
Snap-It™ Seal, Clear, PTFE/Red Rubber Septum	100/Pack	C4011-51
Snap-It Seal, Blue, PTFE/Red Rubber Septum	100/Pack	C4011-51B
Snap-It Seal, Green, PTFE/Red Rubber Septum	100/Pack	C4011-51G
Snap-It Seal, Red, PTFE/Red Rubber Septum	100/Pack	C4011-51R
Snap-It Seal, Yellow, PTFE/Red Rubber Septum	100/Pack	C4011-51Y
Snap-It Seal, Pink, PTFE/Red Rubber Septum	100/Pack	C4011-51P
Snap-It Seal, Clear, PTFE/Silicone/PTFE Septum	100/Pack	C4011-53
Snap-It Seal, Blue, PTFE/Silicone/PTFE Septum	100/Pack	C4011-53B
Snap-It Seal, Green, PTFE/Silicone/PTFE Septum	100/Pack	C4011-53G
Snap-It Seal, Red, PTFE/Silicone/PTFE Septum	100/Pack	C4011-53R
Snap-It Seal, Yellow, PTFE/Silicone/PTFE Septum	100/Pack	C4011-53Y
Snap-It Seal, Clear, PTFE/Silicone	100/Pack	C4011-54
Snap-It Seal, Blue, PTFE/Silicone	100/Pack	C4011-54B
Snap-It Seal, Green, PTFE/Silicone	100/Pack	C4011-54G
Snap-It Seal, Red, PTFE/Silicone	100/Pack	C4011-54R
Snap-It Seal, Yellow, PTFE/Silicone	100/Pack	C4011-54Y
Snap-It Seal, Pink, PTFE/Silicone	100/Pack	C4011-54P
Snap-It Seal, Clear, PTFE/Silicone, Slit	100/Pack	C4011-55
Snap-It Seal, Blue, PTFE/Silicone, Slit	100/Pack	C4011-55B
Snap-It Seal, Green, PTFE/Silicone, Slit	100/Pack	C4011-55G
Snap-It Seal, Red, PTFE/Silicone, Slit	100/Pack	C4011-55R
Snap-It Seal, Yellow, PTFE/Silicone, Slit	100/Pack	C4011-55Y
Snap-It Seal, Clear, PTFE/Silicone, Star Pre-slit Septum	100/Pack	C4011-59
Snap-It Mini Storeroom-1/Ea, 5 Pks Clear, Vials, 500 PTFE/RR Caps	500/Each	C4011-6551
Clear Snap-It Kit, Clear Cap, PTFE/Red Rubber Septum	100/Pack	C4011-72
Amber Snap-It ID Kit, Clear Cap, PTFE/Red Rubber Septum	100/Pack	C4011-72AW
Clear Snap-It Kit, Pink Cap, PTFE/Red Rubber Septum	100/Pack	C4011-72P
Clear Snap-It ID Kit, Clear Cap, PTFE/Red Rubber Septum	100/Pack	C4011-72W
Clear Snap-It Kit, Clear Cap, PTFE/Silicone Septum	100/Pack	C4011-73
Amber Snap-It ID Kit, Clear Cap, PTFE/Silicone Septum	100/Pack	C4011-73AW
Clear Snap-It Kit, Pink Cap, PTFE/Silicone Septum	100/Pack	C4011-73P
Clear Snap-It ID Kit, Clear Cap PTFE/Silicone Septum	100/Pack	C4011-73W
Clear Snap-It Kit, Clear Cap, Pre-slit PTFE/Silicone Septum	100/Pack	C4011-74
Amber Snap-It ID Kit, Clear Cap, Pre-slit, PTFE/Silicone Septum	100/Pack	C4011-74AW
Clear Snap-It ID Kit, Clear Cap, Pre-slit, PTFE/Silicone Septum	100/Pack	C4011-74W
Clear Snap-It Kit, Pink Cap, Y-Cut, PTFE/Silicone Septa, 100/Pk	100/Pack	C4011-78P
National Storeroom, 20 Pks C4011-5,2CS C4011-51	2000/Each	C4075-43
National Storeroom, 20 Pks C4011-5,2CS C4011-54	2000/Each	C4075-49
National Storeroom, 20 Pks C4011-6W,2CS C4011-51	2000/Each	C4075-73

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

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