

# SUN-SRi Snap Caps with Resealable Septa

New and improved open top snap caps

SUN-SRi Open Top 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
- Larger opening minimizes chance of needle bending
- Increased contact area with septum for improved sealing



SUN-SRi 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 and PTFE/Silicone/PTFE. 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

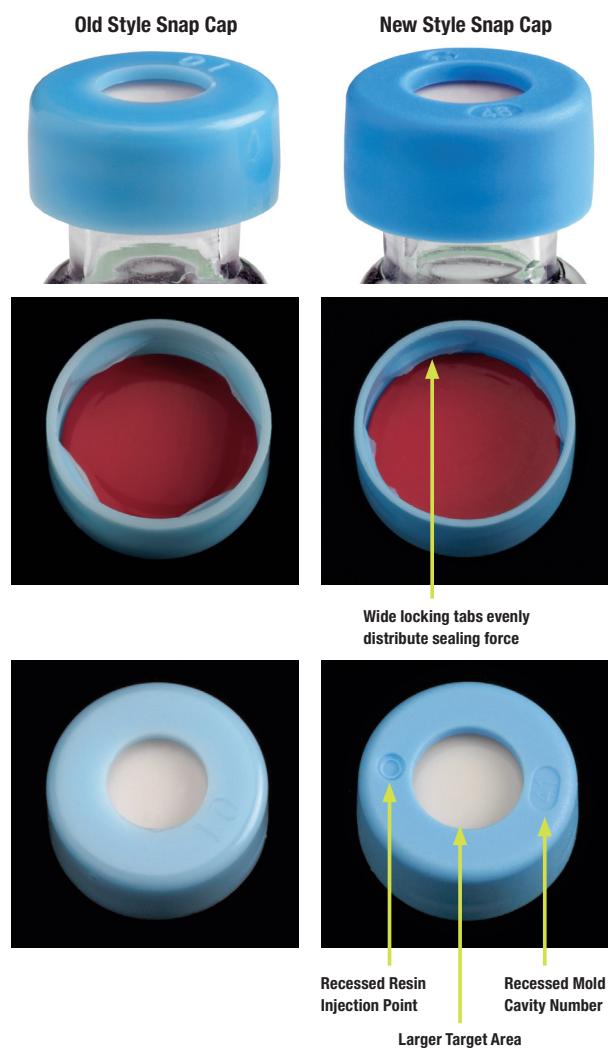
The results in the chart give measured evaporation rates for 100% methanol held for 48 hours at a constant incubation temperature of 40°C. This represents an extreme condition. Evaporation rates for normal aqueous samples maintained at room temperature can be expected to be even lower.



**SUN-SRi**  
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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, Orange, PTFE/RR Septum	100/Pack	501 312
Snap-It Seal, Orange, PTFE/RR Septum	1000/Case	501 381
Snap-It Seal, Orange, PTFE/Silicone Septum	100/Pack	501 313
Snap-It Seal, Orange, PTFE/Silicone Septum	1000/Case	501 382
Snap-It Seal, Black, PTFE/Silicone Septum	100/Pack	501 314
Snap-It Seal, Black, PTFE/Silicone Septum	1000/Case	501 383
Snap-It Seal, Clear, PTFE/Silicone Septum	500/Pack	502 078
Snap-It Seal, Yellow, PTFE/Silicone Septum	100/Pack	500 400
Snap-It Seal, Blue, PTFE/Silicone Septum	100/Pack	501 316
Snap-It Seal, Orange, PTFE/Silicone – Star Slit Septum	100/Pack	501 317
Snap-It Seal, Orange, PTFE/Silicone – Star Slit Septum	1000/Case	501 384
Snap-It Seal, Orange, T/S/T Septum	100/Pack	501 318
Snap-It Seal, Orange, T/S/T Septum	1000/Case	501 385
Snap-It Seal, Black, T/S/T Septum	100/Pack	501 315
Snap-It Seal, Black, T/S/T Septum	1000/Case	501 386
Snap-It Seal, Red, T/S/T Septum	1000/Case	500 410
Snap Kit, Orange Cap, T/S Septum, Clear 2mL StepVial	100/Pack	500 726
Snap Kit, Orange Cap, T/S Septum, Clear 2mL StepVial	1000/Case	501 380
Snap Kit, Orange Cap, T/S/T Septum, Clear 2mL StepVial	100/Pack	501 326
Snap Kit, Orange Cap, T/RR Septum, Clear 2mL StepVial	100/Pack	501 327
Snap Kit, Orange Cap, T/S – Star Slit Septum, Clear 2mL StepVial	100/Pack	501 417
Snap Kit, Orange Cap, T/RR Septum, Amber 2mL StepVial	100/Pack	501 329
Snap Kit, Orange Cap, T/S Septum, Amber 2mL StepVial	100/Pack	500 736
Snap Kit, Orange Cap, T/S Septum, PP 300µL Vial	100/Pack	200 081
Snap Kit, Orange Cap, T/S – Star Slit Septum, PP 400µL Vial	100/Pack	501 489

[www.sun-sri.com](http://www.sun-sri.com)

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