



**Thermo Scientific Chromacol
Wide Opening 9mm Screw
Thread Closures**



Innovative Closure Technology

Unmatched performance

Thermo
SCIENTIFIC

Understanding your needs exceeding your expectations



Features:

- Septa push through virtually eliminated due to improved interior geometry
- Improved sealing capability
- AVCS provides the freedom to select the best septum for your instrument and applications
- Cost effective alternative to the use of bonded septa.
- Optimized ergonomics, fine texturing and evenly spaced ribbing for superior handling, even with poorly fitting gloves
- Rough edges have been eliminated making it easier and more comfortable to use while improving autosampler operation

Understanding what drives your laboratory helps Thermo Fisher Scientific deliver products that exceed your expectations. From sample collection to data reporting, more is demanded of you and more is expected of us. One of the most critical areas of your laboratory is the sample handling component of your analyses. Sample vials and their closures need to be more than sample receptacles, they need to improve your productivity and lead the way to improved analytical efficiencies.

The Thermo Scientific™ Chromacol™ 9 mm screw thread closure (K-Series) is our most recent product innovation and is designed to enhance your work flow by improving how samples are handled. Featuring Advanced Vial Closure System (AVCS) technology, the K-Series closure will instantly enhance your laboratory's performance. From improved autosampler compatibility, to elimination of septum "push-through" that threatens to destroy sample integrity, to increased flexibility and handling with vial/septa combinations, the 9 mm closure will drive your laboratory to even greater performance levels.



At the core of the Chromacol 9 mm K-Series of closures is the Advanced Vial Closure System technology. Simply stated, AVCS allows your closure to perform like never before. The K-Series closures are fully compatible with all versions of the current Thermo Scientific Chromacol 9 mm wide opening screw thread vials.



Performance, flexibility, innovation

unmatched sample handling solutions

Chromacol K-Series 9 mm Wide Opening Closure

A wide opening vial deserves a wide opening cap closure. Utilizing AVCS technology, the Chromacol 9 mm K-Series wide opening closure increases the available injection area by over 7%, providing greater area for injection needle penetration.

Previously available solutions for resolving septa push through sent most laboratories to a more expensive yet less flexible choice of closure. The K-Series delivers the flexibility to choose the septum best suited for the analysis – including the high purity ST101 silicone rubber/PTFE seals widely used for LC-MS and GC-MS applications.

Long gone are the caps that were rough to the touch, potentially wearing out gloves and hanging up in autosampler mechanisms. The K-Series is the most ergonomic closure we've ever made.



Chromacol K-Series 9 mm Integral Membrane Closure

The integral membrane closure is often seen as a more economical approach to vial closures when analyses are a little less demanding. That doesn't mean there isn't a need for innovation. With the AVCS technology design aspects of the open top cap built-in, the integral membrane closure also provides a halogen and rubber-free sample handling environment for HPLC applications or applications where silicones or rubber septa are not suitable. This cap benefits from the improved septa sealing and ergonomic improvements while still delivering a value option closure system. Strict control of the membrane qualities makes this the first membrane closure with broad chemical compatibility, low background extractables, compatibility with most HPLC autosamplers, and excellent piercing characteristics.



Chromacol K-Series 9 mm Solid Closure

The K-Series solid top closure also benefits from the AVCS technology by providing maximum protection of samples during long term storage. The protective top provides additional support and prevents accidental puncture of the septum and resulting sample loss. Ergonomic innovation is the key to this product, ensuring that comfort and ease of use have not been overlooked. We also understand that samples may be stored at very cold temperatures and have tested our solid-top caps down to -80°C.



Description	Quantity	Part Number
9mm, Magnetic, Open Top Short Screw Cap with White Silicone/Red PTFE Septum	100/PK	9-MSC(BG)-ST1
9 mm Open Top Short Screw Cap (Blue), 6 mm Opening, Polypropylene, Red Rubber/Clear PTFE Septum	500/PK	9-SCK(B)-8RT1
9 mm Open Top Short Screw Cap (Blue), 6 mm Opening, Polypropylene, Red Rubber/Clear PTFE, Pre-slit Septum	500/PK	9-SCK(B)-8RT1X
9 mm Open Top Short Screw Cap (Blue), 6 mm Opening, Polypropylene, White Silicone/Red PTFE Septum	500/PK	9-SCK(B)-ST1
9 mm Open Top Short Screw Cap (Blue), 6 mm Opening, Polypropylene, soft Blue Silicone/PTFE Septum*	500/PK	9-SCK(B)-ST101
9 mm Open Top Short Screw Cap (Blue), 6 mm Opening, Polypropylene, White Silicone/Red PTFE, Pre-slit Septum	500/PK	9-SCK(B)-ST1X
9 mm Open Top Short Screw Cap (Blue), 6 mm Opening, Polypropylene, Red PTFE/White Silicone/Red PTFE Septum	500/PK	9-SCK(B)-TST1
9 mm Solid Top Short Screw Cap (Blue), Polypropylene, Red Rubber/Beige PTFE Septum	500/PK	9-SCSK(B)-8RT1
9 mm Short Screw Cap (Blue), Polypropylene with Integral Polypropylene Membrane	500/PK	9-SCNK(B)
Convenience Kit, Wide Open Short Screw Vial, Clear, Patch, Blue 9 mm Open Top Short Screw Cap, Red Rubber/ Clear PTFE Septum	100/PK	2-SVW8-CPK
Convenience Kit, Wide Open Short Screw Vial, Clear, Patch, Blue 9 mm Open Top Short Screw Cap, White Silicone/Red PTFE Septum	100/PK	2-SVWST-CPK
Convenience Kit, Wide Open Short Screw Vial, Amber, Patch, Blue 9 mm Open Top Short Screw Cap, Red Rubber/ Clear PTFE Septum	100/PK	2-SVW(A)8-CPK
Convenience Kit, Wide Open Short Screw Vial, Amber, Patch, Blue 9 mm Open Top Short Screw Cap, White Silicone/Red PTFE Septum	100/PK	2-SVW(A)ST-CPK
Convenience Kit, Wide Open Short Screw Vial for Agilent LC Autosampler, Clear, Patch, Blue 9 mm Open Top Short Screw Cap, Red Rubber/ Clear PTFE Septum	100/PK	HPLSK
Convenience Kit, Wide Open Short Screw Vial for Thermo GC Autosampler, Clear, Patch, Blue 9 mm Open Top Short Screw Cap, soft Blue Silicone/PTFE Septum*	100/PK	TTRK
Convenience Kit, Wide Open Short Screw Vial for Varian GC Autosampler, Clear, Patch, Blue 9 mm Open Top Short Screw Cap, White Silicone/Red PTFE Septum	100/PK	VAGK
Convenience Kit, Wide Open Short Screw Vial for Varian LC Autosampler, Clear, Patch, Blue 9 mm Open Top Short Screw Cap, White Silicone/Red PTFE Septum	100/PK	VALK
Convenience Kit, Wide Open Short Screw Vial for Waters Alliance LC Autosampler, Clear, Patch, Blue 9 mm Open Top Short Screw Cap, White Silicone/Red PTFE Septum	100/PK	WALK

*Soft durometer septa are a effective remedy for piercing problems caused by fragile needles or for any application where penetration of a standard septum is an issue.

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For a **FREE** sample pack visit www.thermoscientific.com/9mm

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