



**Thermo Scientific Chromacol AVCS
9 mm Screw Thread Closures**



Innovative Closure Technology
Unmatched performance

Thermo
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Understanding your needs exceeding your expectations



Understanding what drives your laboratory helps us 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 AVCS™ (Advanced Vial Closure System) 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

AVCS technology, these closures will instantly enhance your laboratory's



performance. From improved autosampler compatibility, to elimination of inconsistent vials sealing 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 new Chromacol 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 were designed to optimize sealing on the Thermo Scientific SureStop vial and are fully compatible with all of our Thermo Scientific Chromacol 9 mm screw thread vials.

Features:

- Septa push through nearly eliminated due to improved interior geometry
- Increased sealing capability
- AVCS provides the freedom to select the best septum for your instrument and applications
- Cost efficient alternative to current choices for resolving push through (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



Performance, flexibility, innovation unmatched sample handling solutions

Chromacol K-Series AVCS 9 mm Open Top Closures

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

Chromacol AVCS closures are offered in a larger assortment of cap colors and septum formulations than any other supplier providing unmatched flexibility in meeting laboratory needs. For easy visual identification of samples around the laboratory, select from a range of colors that can be used with clear, amber or plastic vials.

Previously available solutions for resolving common vial sealing issues, including septa push through, sent most laboratories to a more expensive yet less flexible choice of closure. The AVCS series delivers the flexibility to choose the septum best suited for the analysis.

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



Thermo Scientific Chromacol AVCS 9 mm Wide Opening Screw Thread Vial Convenience and Instrument Select (IS) Kits

Kit Type	Glass	Patched	Cap Color	Septum	Vial Cat. No.	Cap Cat. No.	Pack of	Cat. No.
SureStop Convenience Kit, GOLD Grade	Clear	Yes	Blue	Red Natural Rubber/ Clear PTFE	2-SVWGK	9-SCK(B)-8RT1	100	2-SVWGK8-CPK
SureStop Convenience Kit, GOLD Grade	Clear	Yes	Blue	White Silicone/Red PTFE	2-SVWGK	9-SCK(B)-ST1	100	2-SVWGKST-CPK
SureStop Convenience Kit	Amber	Yes	Blue	Red Natural Rubber/ Clear PTFE	2-SVWK(A)	9-SCK(B)-8RT1	100	2-SVWK(A)8-CPK
SureStop Convenience Kit	Amber	Yes	Blue	White Silicone/Red PTFE	2-SVWK(A)	9-SCK(B)-ST1	100	2-SVWK(A)ST-CPK
SureStop IS Kit, GOLD Grade, for Thermo GC Autosampler	Clear	Yes	Blue	Blue Silicone/PTFE	2-SVWGK	9-SCK(B)-ST101	100	TTRGKK
AVCS Convenience Kit	Clear	Yes	Blue	Red Natural Rubber/Clear PTFE	2-SVW	9-SCK(B)-8RT1	100	2-SVW8-CPK
AVCS Convenience Kit	Clear	Yes	Blue	White Silicone/Red PTFE	2-SVW	9-SCK(B)-ST1	100	2-SVWST-CPK
AVCS Convenience Kit	Amber	Yes	Blue	Red Natural Rubber/Clear PTFE	2-SVW(A)	9-SCK(B)-8RT1	100	2-SVW(A)8-CPK
AVCS Convenience Kit	Amber	Yes	Blue	White Silicone/Red PTFE	2-SVW(A)	9-SCK(B)-ST1	100	2-SVW(A)ST-CPK
AVCS IS Kit, for Agilent LC Autosampler	Clear	Yes	Blue	Red Natural Rubber/Clear PTFE	2-SVW	9-SCK(B)-8RT1	100	HPLSK
AVCS IS Kit, for Thermo GC Autosampler	Clear	Yes	Blue	Blue Silicone/PTFE	2-SVW	9-SCK(B)-ST101	100	TTRK
AVCS IS Kit, for Varian GC Autosampler	Clear	Yes	Blue	White Silicone/Red PTFE	2-SVW	9-SCK(B)-ST1	100	VAGK
AVCS IS Kit, for Varian LC Autosampler	Clear	Yes	Blue	White Silicone/Red PTFE	2-SVW	9-SCK(B)-ST1	100	VALK
AVCS IS Kit, for Waters Alliance LC Autosampler	Clear	Yes	Blue	White Silicone/Red PTFE	2-SVW	9-SCK(B)-ST1	100	WALK
AVCS IS Kit, for PerkinElmer LC Autosampler	Clear	Yes	Green	White Silicone/Red PTFE, Pre-slit	2-SVW	9-SCK(G)-ST1X	100	PELK

Thermo Scientific Chromacol AVCS 9 mm Screw Thread Closures

Description	Cap Color	Cap Material	Septum	Hardness °shore	Thickness (mm)	Pack of	Cat. No.
9mm Open Top Short Screw Cap, 6 mm hole	Blue	Polypropylene	Red Natural Rubber/Clear PTFE	58	1.0	500	9-SCK(B)-8RT1
9mm Open Top Short Screw Cap, 6 mm hole	Black	Polypropylene	Red Natural Rubber/Clear PTFE	58	1.0	500	9-SCK(BLK)-8RT1
9mm Open Top Short Screw Cap, 6 mm hole	Green	Polypropylene	Red Natural Rubber/Clear PTFE	58	1.0	500	9-SCK(G)-8RT1
9mm Open Top Short Screw Cap, 6 mm hole	Clear	Polypropylene	Red Natural Rubber/Clear PTFE	58	1.0	500	9-SCK(N)-8RT1
9mm Open Top Short Screw Cap, 6 mm hole	Red	Polypropylene	Red Natural Rubber/Clear PTFE	58	1.0	500	9-SCK(R)-8RT1
9mm Open Top Short Screw Cap, 6 mm hole	Blue	Polypropylene	Red Natural Rubber/Clear PTFE, Pre-slit	58	1.0	500	9-SCK(B)-8RT1X
9mm Open Top Short Screw Cap, 6 mm hole	Blue	Polypropylene	White Silicone/Red PTFE	57	1.0	500	9-SCK(B)-ST1
9mm Open Top Short Screw Cap, 6 mm hole	Green	Polypropylene	White Silicone/Red PTFE	57	1.0	500	9-SCK(G)-ST1
9mm Open Top Short Screw Cap, 6 mm hole	Clear	Polypropylene	White Silicone/Red PTFE	57	1.0	500	9-SCK(N)-ST1
9mm Open Top Short Screw Cap, 6 mm hole	Red	Polypropylene	White Silicone/Red PTFE	57	1.0	500	9-SCK(R)-ST1
9mm Open Top Short Screw Cap, 6 mm hole	Yellow	Polypropylene	White Silicone/Red PTFE	57	1.0	500	9-SCK(Y)-ST1
9mm Open Top Short Screw Cap, 6 mm hole	Blue	Polypropylene	Blue Silicone/PTFE	30	1.0	500	9-SCK(B)-ST101
9mm Open Top Short Screw Cap, 6 mm hole	Blue	Polypropylene	White Silicone/Red PTFE, Pre-slit	57	1.0	500	9-SCK(B)-ST1X
9mm Open Top Short Screw Cap, 6 mm hole	Green	Polypropylene	White Silicone/Red PTFE, Pre-slit	57	1.0	500	9-SCK(G)-ST1X
9mm Open Top Short Screw Cap, 6 mm hole	Blue	Polypropylene	Red PTFE/White Silicone/Red PTFE	57	1.0	500	9-SCK(B)-TST1
9mm Open Top Short Screw Cap, 6mm hole, magnetic	Blue/Gold	PP/Steel	White Silicone/Red PTFE	57	1.0	100	9-MSC(BG)-ST1
9mm Open Top Short Screw Cap, 6mm hole, magnetic	Blue/Gold	PP/Steel	soft septum, Blue Silicone/PTFE	30	1.0	100	9-MSC(BG)-ST101
9mm Open Top Short Screw Cap, 6mm hole, magnetic	Blue/Gold	PP/Steel	soft septum, Blue Silicone/PTFE, Pre-slit	30	1.0	100	9-MSC(BG)-ST101X

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