

Headspace Vials and Accessories

Finneran Products Certified For Science™

Vials



Flat Bottom Crimp Headspace Vials



Flat Bottom Threaded Headspace Vials



Round Bottom Crimp Headspace Vials



Round Bottom Threaded Headspace Vials

Headspace vials and closures must form a analysis with reproducible results. Available in clear or amber Type I borosilicate glass with crimp or screw thread finishes. The vials are used to heat the sample until the concentration of the liquid and gas phases are in equilibrium. A sample is then taken from the gas phase (headspace) for analysis.

Standard Headspace Vials with Flat Bottoms

Use in Agilent, DANL, Fisons, Perkin Elmer and Shimadzu

Shelf Pack - 100 pieces; Case Pack - 1000 pieces

Cat. No.	Description
36020-2238	6mL Clear Vial, 22x38mm, 20mm Beveled Edge Crimp
36020X-2238	6mL Clear Vial, 22x38mm, 20mm Flat Top Crimp
310020-2346	10mL Clear Vial, 23x46mm, 20mm Beveled Edge Crimp
310020-2346A	10mL Amber Vial, 23x46mm, 20mm Beveled Edge Crimp
320020-2375	20mL Clear Vial, 23x75mm, 20mm Beveled Edge Crimp
320020-2375A	20mL Amber Vial, 23x75mm, 20mm Beveled Edge Crimp
320020X-2375	20mL Clear Vial, 23x75mm, Flat Bottom, 20mm Flat Top Crimp
327020-3060	27mL Clear Vial, 30x60mm (for Shimadzu), 20mm Crimp
310018F-2346	10mL Clear Flat Bottom Vial, 23x46mm, 18mm Thread
31018F-2346A	10mL Amber Flat Bottom Vial, 23x46mm, 18mm Thread
315018F-2360	15mL Clear Flat Bottom Vial, 23x60mm, 18mm Thread
320018F-2375	20mL Clear Flat Bottom Vial, 23x75mm, 18mm Thread
32018F-2375A	20mL Amber Flat Bottom Vial, 23x75mm, 18mm Thread

All Glass Vials are available Silanized.

Headspace Vials with Rounded Bottoms

Use in Perkin Elmer, Tekmar, CTC PAL, and Varian

Shelf Pack - 100 pieces; Case Pack - 1000 pieces

Cat. No.	Description
310020A-2346	10mL Clear Vial, 23x46mm, 20mm Beveled Edge Crimp
31020A-2346A	10mL Amber Vial, 23x46mm, 20mm Beveled Edge Crimp
320020A-2375	20mL Clear Vial, 23x75mm, 20mm Beveled Edge Crimp
32020AX-2375	20mL Clear Vial, 23x75mm, 20mm Flat Top Crimp
32020A-2375A	20mL Amber Vial, 23x75mm, 20mm Beveled Edge Crimp
322AXLN-2375	20mL Clear Vial, 20mm Flat Top Crimp, Long Neck
310018R-2346	10mL Clear Rounded Bottom Vial, 23x46mm, 18mm Thread
31018R-2346A	10mL Amber Rounded Bottom Vial, 23x46mm, 18mm Thread
320018R-2375	20mL Clear Rounded Bottom Vial, 23x75mm, 18mm Thread
32018R-2375A	20mL Amber Rounded Bottom Vial, 23x75mm, 18mm Thread

All Glass Vials are available Silanized.

Headspace Vials and Accessories

Vials



SPME Vials

SPME Specialty Vials with 20mm Crimp Top and Rounded Bottoms

The new Finneran SPME Vials, with a thicker lip, are ideal for most SPME applications. The thicker lip vial creates a tighter seal on the vial. The Finneran SPME Vials are manufactured from high quality Type 1 borosilicate glass. This new thicker lip vial is available in 10mL and 20mL capacities. To complete the package, Finneran offers the 20mm gold magnetic seal, 8mm hole with a thin 0.60" PTFE/silicone seal. The thin seal is a perfect choice for SPME applications.* The thin seal extends the life of the needle and is available in blue or clear.

Shelf Pack - 100 pieces; Case Pack - 1000 pieces

Cat. No.	Description
31020SP-2346	10mL SPME Clear Vial, 20mm Flat Top Crimp, Thicker Lip Finish
32020SP-2375	20mL SPME Clear Vial, 20mm Flat Top Crimp, Thicker Lip Finish

Closures



20mm Center Tear Seals for Headspace Vials

Aluminum Seals, Unlined

Case Pack - 1000 pieces

Cat. No.	Description
5100-20*	20mm Silver Seal
5100CT-20*	20mm Center Tear Silver Seal
5100TA-20*	20mm Total Tear Away Silver Seal

* Available in bulk packaging & additional colors

Aluminum Seals, Lined

Shelf Pack - 100 pieces; Case Pack - 1000 pieces

Cat. No.	Description
5110-20	20mm Silver Seal, 10mil PTFE
5140-20	20mm Silver Seal, 0.131" PTFE/Gray Butyl Rubber
5142-20	20mm Silver Seal, PharmaFix Molded Gray PTFE/Black Butyl Lined, 100/cs.
5150-20*	20mm Silver Seal, 0.125" PTFE/Silicone
5150B-20	20mm Silver Seal, 8mm Hole, 0.125" PTFE/Blue Silicone, 100/cs.
5150HT-20	20mm Silver Seal, 3mm Tan PTFE/White Silicone, Ultra Clean, Septa for High Temperatures up to 250° C, 100/cs.

* Available in additional colors; (B) Blue, (G) Green, (R) Red, and (G) Gold



5142-20

Aluminum Seals - Pressure Release (20mm)

Case Pack - 100 pieces

Cat. No.	Description
5141PR-20	20mm Silver Pressure Release Seal, 0.131" PTFE/Molded Gray Butyl
5142PR-20	20mm Silver Pressure Release Seal, 0.140" PTFE/Rubber PharmaFix Septa
5143PR-20	20mm Silver Pressure Release Seal, 0.100" PTFE/Silicone

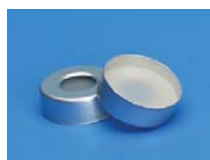


5142PR-20

Aluminum Seals - Low Bleed Septa

Case Pack - 100 pieces

Cat. No.	Description
5150LB-20	20mm Silver Seal, 0.125" Natural PTFE/Clear Silicone, Low Bleed Septa



5150LB-20

Aluminum Seals - Ultra Low Bleed Septa

Shelf Pack - 100; Case Pack - 1000 pieces

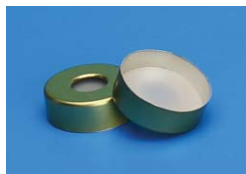
Cat. No.	Description
5150UL-20	20mm Silver Seal, 3mm Thick Clear PTFE/Blue Silicone Septa



5150UL-20

Headspace Vials and Accessories

Closures



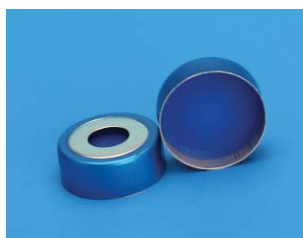
20mm Tin Plate Magnetic Closures



20mm Tin Plate Magnetic Closures for SPME



20mm BiMetal Magnetic Closures



20mm BiMetal Ultra Low Bleed Closures



18mm Metal Threaded Closures

Tin Plate Seals - Magnetic (20mm)

Case Pack - 100 pieces

Cat. No.	Description
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5144TP5-20	20mm Gold Magnetic Seal, 5mm Hole, 0.131" PTFE/Butyl Rubber
5144TP8-20	20mm Gold Magnetic Seal, 8mm Hole, 0.131" PTFE/Butyl Rubber
5145TP5-20	20mm Gold Magnetic Seal, 5mm Hole, 0.100" PTFE/Silicone
5145TP8-20	20mm Gold Magnetic Seal, 8mm Hole, 0.100" PTFE/Silicone
5145BTP5-20	20mm Gold Magnetic Seal, 5mm Hole, 0.125" Natural PTFE/Blue Silicone
5145BTP8-20	20mm Gold Magnetic Seal, 8mm Hole, 0.125" Natural PTFE/Blue Silicone
5150BTP8-20	20mm Gold Magnetic Seal, 8mm Hole, 0.125" Clear PTFE/Clear Blue Silicone

Tin Plate Seals for SPME - Magnetic (20mm)

The thin septa extends the life of the needle and allows for a tight seal when using with SPME thicker lip vials. Suitable for Gerstal MPS, CTC and Leap autosamplers with SPME option.

Case Pack - 100 pieces

Cat. No.	Description
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5145TP8-20SP	20mm Gold Tin Seal, 8mm Hole, Thin 0.060" Blue PTFE/White Silicone
5156TP8-20SP	20mm Gold Magnetic Seal, 8mm Hole, Thin 0.060" PTFE/Clear Silicone

BiMetal Seals - Magnetic (20mm)

Case Pack - 100 pieces

Cat. No.	Description
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5150BM00-20R	20mm Red BiMetal Seal, 0.100" PTFE/Silicone
5150BM00-20B	20mm Blue BiMetal Seal, 0.100" PTFE/Silicone
5150BM18-20R	20mm Red BiMetal Seal, 0.118" PTFE/Silicone
5150BM18-20B	20mm Blue BiMetal Seal, 0.118" PTFE/Silicone

BiMetal Seals - Ultra Low Bleed

The BiMetal Seal is comprised of tin and aluminum materials. The outer surface (red or blue) is aluminum and the inner diameter is a silver tin.

Shelf Pack - 100; Case Pack - 1000 pieces

Cat. No.	Description
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5150BMUL-20B	20mm Blue BiMetal Seal, 3mm Thick Clear PTFE/Blue Silicone Septa
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Magnetic (Metal) Threaded Closures (18mm)

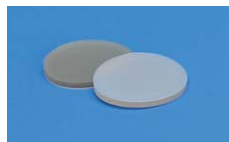
Case Pack - 100 pieces

Cat. No.	Description
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5350-18M	18mm Silver Magnetic (Metal) Closure, 0.075" Red PTFE/Silicone Liner (Shore A45)
535050-18M	18mm Silver Magnetic (Metal) Closure, 0.050" Red PTFE/Silicone Liner (Shore A45), Ultra Low Bleed
535050TB-18M	18mm Silver Magnetic (Metal) Closure, 0.050" White PTFE/Translucent Blue Silicone (Shore A45), Ultra Low Bleed
5351TB-18M	18mm Silver Magnetic (Metal) Closure, Translucent Blue 0.125" PTFE/Silicone (Shore A45)
5356B-18M	18mm Silver Magnetic (Metal) Closure, 0.060" Blue PTFE/Silicone (Shore A45)
535655B-18M	18mm Silver Magnetic (Metal) Closure, 0.060" Blue PTFE/White Silicone Liner (Shore A55), Ultra Low Bleed

Headspace Vials and Accessories

Septa



612550-20LB

Septa for 18mm Magnetic Threaded Closures

Shelf Pack - 100 pieces; Case Pack - 1000 pieces

Cat. No.	Description
605050-18M	17.5mm x 0.050" Red PTFE/Silicone Septa
606050B-18M	17.5mm x 0.060" Blue PTFE/Silicone Septa
612550TB-18M	17.5mm x .125" Translucent Blue PTFE/Silicone Septa

Septa for 20mm Aluminum Seals

Shelf Pack - 100 pieces; Case Pack - 1000 pieces

Cat. No.	Description
606050-20S	19mm x 0.060" Gray PTFE/Silicone Septa
612550-20S	19mm x 0.125" Natural PTFE/Silicone Septa
614040-20F	20mm x 0.140" PTFE/Butyl Rubber PharmaFix Septa

Low Bleed Septa for 20mm Aluminum Seals

Case Pack - 100 pieces

Cat. No.	Description
612550-20LB	19mm x 0.125" Thick Natural PTFE/Red Low Bleed Silicone Septa

Ultra Low Bleed Septa for 20mm Aluminum Seals

Case Pack - 100 pieces

Cat. No.	Description
612550-20ULB	19mm x 0.125" Natural PTFE/Blue Ultra Low Bleed Silicone Septa

Stoppers



5001SW-20G

Snap On and Straight Wall Stoppers

Case Pack - 1000 pieces

Cat. No.	Description
5001-20ST	20mm Gray Chlorobutyl Snap On Stopper, Siliconized
5001SW-20G	20mm Gray Chlorobutyl Straight Wall Stopper

Accessories



Crimpers/Decappers

J.G. Finneran Crimpers and Decappers are designed, and manufactured using quality materials, and finishing techniques to provide a consistent and dependable seal while maintaining their durability, and long life. The standard hand crimpers are provided with an adjustable stop, allowing the operator to repeatedly achieve a quality crimped seal. All parts that contact the crimp seal are stainless steel or plated. The crimper jaws are hardened and polished to provide smooth, consistent operation.

Sold Individually

Cat. No.	Description
9300-20	20mm Hand Operated Crimper
9300-20SS	20mm Hand Operated Crimper, Stainless Steel
9306-20SS	20mm Hand Operated Crimper, Stainless Steel w/Grips
9310-20	20mm Hand Operated Decapper
9320-20	20mm Crimp Type Decapper
9320-20SS	20mm Hand Operated Decapper, Stainless Steel
9326-20SS	20mm Hand Operated Decapper, Stainless Steel w/Grips