

Headspace Vials and Accessories

Vials



Headspace vials and closures must form a tight seal for accurate 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.



Flat Bottom Threaded Headspace Vials



Round Bottom Crimp Headspace Vials



Round Bottom Threaded Headspace Vials

Standard Headspace Vials with Flat Bottoms

Use in Agilent, Carlo Erba, Perkin Elmer and Shimadzu

Shelf Pack - 100 pieces; Case Pack - 1000 pieces

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

European Headspace Vials with Rounded Bottoms

Use in Perkin Elmer, Tekmar, L.E.A.P. Technologies and Varian

Shelf Pack - 100 pieces; Case Pack - 1000 pieces

Cat. No.	Description
310020A-2346	10mL Headspace Vial, 23x46mm (for Leap), 20mm Crimp
320020A-2375	20mL Headspace Vial, 23x75mm (for Perkin Elmer), 20mm Crimp
310018R-2346	10mL Clear Rounded Bottom Headspace Vial, 23x46mm, 18mm Thread
31018R-2346A	10mL Amber Rounded Bottom Headspace Vial, 23x46mm, 18mm Thread
320018R-2375	20mL Clear Rounded Bottom Headspace Vial, 23x75mm, 18mm Thread
32018R-2375A	20mL Amber Rounded Bottom Headspace Vial, 23x75mm, 18mm Thread

Closures

Aluminum Seals (20mm)

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
5150-20	20mm Silver Seal, 0.125" PTFE/Silicone



20mm Seals for Headspace Vials

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Closures

Aluminum Seals - Pressure Release (20mm)

Case Pack - 100 pieces

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

Tin Plate Seals - Magnetic (20mm)

Case Pack - 100 pieces

Cat. No.	Description
5144TP5-20	20mm Silver Tin Plate Seal, 5mm Hole, 0.131" PTFE/Butyl Rubber
5144TP8-20	20mm Silver Tin Plate Seal, 8mm Hole, 0.131" PTFE/Butyl Rubber
5145TP5-20	20mm Silver Tin Plate Seal, 5mm Hole, 0.100" PTFE/Silicone
5145TP8-20	20mm Silver Tin Plate Seal, 8mm Hole, 0.100" PTFE/Silicone



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.

BiMetal Seals - Magnetic (20mm)

Case Pack - 100 pieces

Cat. No.	Description
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

Metal Threaded Closures (18mm)

Case Pack - 100 pieces

Cat. No.	Description
5310M-18	18mm Silver Metal Closure Only
5350-18M	18mm Silver Metal Closure with 0.050" PTFE/Silicone Liner
5356B-18M	18mm Silver Metal Closure with Blue 0.060" PTFE/Silicone Liner
5351TB-18M	18mm Silver Metal Closure with Translucent Blue 0.125" PTFE/Silicone Liner
5001-20	20mm Butyl Rubber Stopper



18mm Metal Threaded Closures

Accessories

Crimpers/Decappers for 20mm Crimp Vials

Sold Individually

Cat. No.	Description
9300-20	20mm Hand Operated Crimper
9310-20	20mm Hand Operated Decapper
9320-20	20mm Crimp Type Decapper