

Snap Seal™ Vials, Patented, 12x32mm, 11mm Crimp Finish

Finneran Products Certified For Science™

Vials



31811-1232A, 31811-1232,
31811E-1232A, 31811E-1232

The Snap Seal™ Vial can be securely sealed with the patented Poly Crimp™ Seal, an aluminum crimp seal or a variety of Snap Top Cap™ designs. More glass in the neck area minimizes breakage of the neck during decapping. Vial incorporates the unique StepVial design that precisely centers a limited volume insert in the vial neck, assuring dependable, reliable use with autosamplers. Choose from clear or amber Type I borosilicate glass. Available with graduated marking spots which provides the ability to fill a sample vial to a desired level and facilitates viewing sample volumes.

Shelf Pack - 100 pieces; Case Pack - 1000 pieces

| Cat. No. | Description |
|--------------|--|
| 31811-1232 | 2.0mL Clear Vial |
| 31811-1232A | 2.0mL Amber Vial |
| 31811-1232Z | 2.0mL Clear Vial, Silanized |
| 31811-1232AZ | 2.0mL Amber Vial, Silanized |
| 31811E-1232 | 2.0mL Clear Vial, White Graduation Spot |
| 31811E-1232A | 2.0mL Amber Vial, White Graduation Spot |
| 31811E-1232Z | 2.0mL Clear Vial, White Graduation Spot, Silanized |
| 31811E-12AZ | 2.0mL Amber Vial, White Graduation Spot, Silanized |



3211SS-1232A, 30211SS-1232

Limited Volume Snap Seal™ Vials

The Finneran Interlocked™ Vial is composed of a 12x32 glass vial and a clear glass limited volume insert fused together. This design eliminates movement of the insert, allows more consistent sample recovery, eliminates needle damage and concerns about contaminants around the fused seam/space between the neck of the vial and the insert. Available with marking spots.

Interlocked™ Vials

Case Pack - 100 pieces

| Cat. No. | Description |
|--------------|--|
| 30211SS-1232 | 300µL Clear Interlocked™ Vial/Insert |
| 3211SS-1232A | 300µL Amber Interlocked™ Vial/Insert |
| 3211SSM-1232 | 300µL Clear Interlocked™ Vial/Insert with Marking Spot |
| 321SSM-1232A | 300µL Amber Interlocked™ Vial/Insert with Marking Spot |

Also available Silanized



31511P-1232



31511P-12BK

Amber polypropylene adds protection for light sensitive samples. Black polypropylene protects light sensitive samples from having a chemical reaction during sampling, testing, storage, or transport.

Polypropylene Snap Seal™ Vials

Shelf Pack - 100 pieces; Case Pack - 1000 pieces

| Cat. No. | Description |
|-------------|--------------------------------|
| 31511P-1232 | 1.5mL Polypropylene Vial |
| 31511P-12A | 1.5mL Amber Polypropylene Vial |
| 31511P-12BK | 1.5mL Black Polypropylene Vial |

Snap Seal™ Vials, Patented, 12x32mm, 11mm Crimp Finish

Closures



Poly Crimp™ Seals - Patented

The Finneran patented polypropylene Poly Crimp™ seal fits virtually any 12x32mm sample vial with a crimp style finish. The Poly Crimp™ seal snaps on and off with crimping being an option for a tighter seal. Poly Crimp™ seals are available in a variety of colors for easy sample identification.

Shelf Pack - 100 pieces; Case Pack - 1000 pieces

| Cat. No. | Description |
|------------|---|
| 5500-11* | 11mm Clear Poly Crimp™ Seal, w/ Molded Septum |
| 5500SB-11* | 11mm Clear Poly Crimp™ Seal, w/ Starburst |
| 5510-11* | 11mm Clear Poly Crimp™ Seal, 10mil PTFE |
| 5517-11* | 11mm Clear Poly Crimp™ Seal, 10mil PTFE w/Slit |
| 5540-11* | 11mm Clear Poly Crimp™ Seal, PTFE/Red Rubber |
| 5550-11* | 11mm Clear Poly Crimp™ Seal, PTFE/Silicone |
| 5560-11* | 11mm Clear Poly Crimp™ Seal, PTFE/Silicone/PTFE |
| 5570-11* | 11mm Clear Poly Crimp™ Seal, PTFE/Silicone w/Slit |
| 5581-11* | 11mm Clear Poly Crimp™ Seal, PTFE/Sil w/Starburst |

* Available in additional colors; (B) Blue, (G) Green, (R) Red, & (Y) Yellow

Snap Top Caps™

Caps may be snapped on and off by hand which eliminates the need for metal crimping and decapping tools, thus reducing potential hazards due to sharp aluminum metal edges. Large opening top provides greater target area for needle penetration. Available in a variety of colors for easy sample identification.

Shelf Pack - 100 pieces; Case Pack - 1000 pieces

| Cat. No. | Description |
|------------|---|
| 5200-11* | 11mm Clear Snap Cap Seal, w/Molded Septum |
| 520070-11 | 11mm Clear Snap Cap Seal, w/Molded Septum, Pre-Slit |
| 5200SB-11* | 11mm Clear Snap Cap Seal, w/Starburst |
| 5210-11* | 11mm Clear Snap Cap, 10mil PTFE |
| 5240-11* | 11mm Clear Snap Cap, PTFE/Butyl Rubber |
| 5250-11* | 11mm Clear Snap Cap, PTFE/Silicone |
| 5260-11* | 11mm Clear Snap Cap, PTFE/Silicone/PTFE |
| 5270-11* | 11mm Clear Snap Cap, PTFE/Silicone w/Slit |
| 5271-11* | 11mm Clear Snap Cap, PTFE/Silicone w/Y-cut |
| 5275-11* | 11mm Clear Snap Cap, PTFE/Silicone w/Cross Slit |
| 5280-11* | 11mm Clear Snap Cap, PTFE/Silicone/PTFE w/Starburst |
| 5281-11* | 11mm Clear Snap Cap, PTFE/Silicone w/Starburst |
| 5282-11* | 11mm Clear Snap Cap, 10mil PTFE w/Starburst |
| 5290-11* | 11mm Clear Snap Cap, Viton® Lined |

* Available in additional colors; (B) Blue, (BL) Black, (G) Green, (O) Orange, (PK) Pink, (R) Red, (Y) Yellow

Snap Top Caps™ with Metal Rings

Finneran 11mm seals are available assembled with a septa and a round metal O-ring for use in any application where instruments must transport the vial to another location using magnets.

Shelf Pack - 100 pieces; Case Pack - 1000 pieces

| Cat. No. | Description |
|------------|--|
| 5810MR-11* | 11mm Clear Snap Cap, PTFE Lined with Metal O-Ring |
| 5840MR-11* | 11mm Clear Snap Cap, PTFE/Butyl Rubber Lined w/Metal O-Ring |
| 5850MR-11* | 11mm Clear Snap Cap, PTFE/Silicone Lined w/Metal O-Ring |
| 5860MR-11* | 11mm Clear Snap Cap, PTFE/Silicone/PTFE Lined w/Metal O-Ring |
| 5870MR-11* | 11mm Clear Snap Cap, PTFE/Silicone w/Slit Lined w/Metal O-Ring |

* Available in additional colors; (B) Blue, (BL) Black, (G) Green, (R) Red, & (Y) Yellow



Snap Seal™ Vials, Patented, 12x32mm, 11mm Crimp Finish

Closures



Polypropylene GC Snap Top Caps™

GC Snap Top Caps™ were developed to handle the most volatile samples, providing a liquid airtight seal to the vial. Simply snap on the cap and an evaporation-proof seal of a crimp cap is achieved.

Shelf Pack - 100 pieces; Case Pack - 1000 pieces

| Cat. No. | Description |
|-----------|---|
| 5210-11PP | 11mm Polypropylene Snap Cap, 10mil PTFE |
| 5240-11PP | 11mm Polypropylene Snap Cap, PTFE/Butyl Rubber |
| 5250-11PP | 11mm Polypropylene Snap Cap, PTFE/Silicone |
| 5260-11PP | 11mm Polypropylene Snap Cap, PTFE/Silicone/PTFE |
| 5290-11PP | 11mm Polypropylene Snap Cap, Black Viton® |

Aluminum Seals, Lined

Made of the highest quality aluminum; for use with standard 11mm chromatography vials. The open top allows for filling and retrieving samples with a syringe. Seals are available in a variety of colors for easy sample identification.

Shelf Pack - 100 pieces; Case Pack - 1000 pieces

| Cat. No. | Description |
|-----------|---|
| 5110-11* | 11mm Silver Seal, 10mil PTFE |
| 5120-11 | 11mm Silver Seal, 10mil Polypropylene |
| 5140-11* | 11mm Silver Seal, Clear PTFE/Red Rubber |
| 5140-11X* | 11mm Silver Seal, Clear PTFE/Natural Red Rubber |
| 5141-11 | 11mm Silver Seal, Clear PTFE/Butyl Rubber |
| 5150-11* | 11mm Silver Seal, PTFE/Silicone |
| 5160-11* | 11mm Silver Seal, PTFE/Silicone/PTFE |
| 5170-11 | 11mm Silver Seal, PTFE/Silicone w/Slit |
| 5190-11 | 11mm Silver Seal, Black Viton® |

* Available in bulk packaging & additional colors; (B) Blue, (G) Green, (R) Red, & (Y) Gold



11mm Magnetic Seals

Magnetic seals for use with instruments (CTC Analytics PAL) transporting the vials using magnets.

Shelf Pack - 100 pieces; Case Pack - 1000 pieces

| Cat. No. | Description |
|----------|---|
| 5140M-11 | 11mm Silver Magnetic Seal, PTFE/Red Rubber |
| 5150M-11 | 11mm Silver Magnetic Seal, PTFE/Red Silicone |
| 5160M-11 | 11mm Silver Magnetic Seal, PTFE/Silicone/PTFE |



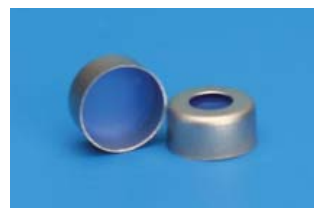
11mm Aluminum Seals – Ultra Low Bleed Septa

Finneran's Ultra Low Bleed Aluminum Seals are lined using a LCMS high purity septa. Ideal for very sensitive applications such as Mass Spec or when multiple injections are required. Our Ultra Low Bleed Seals eliminate particulates with no interfering peaks.

Shelf Pack - 100 pieces; Case Pack - 1000 pieces

| Cat. No. | Description |
|------------|--|
| 5150UL-11* | 11mm Silver Seal, 1mm Thick Clear PTFE/Blue Silicone Septa |

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



5150UL-11

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Limited Volume Inserts

All Glass Inserts are available Silanized.



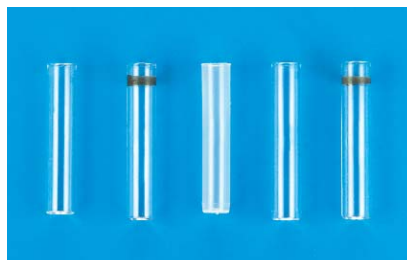
4005BS-625, 401TS-529, 4025-629, 4025BS-629



4025FT-631, 4025BSFT-629



401PTS-530, 4025P-631, 4025P-631BK, 4025PBS-631, 4025PF-631, 425PBS-631BK



4035-630, 4035-630ID, 4035P-630, 4035-631, 4035-631ID

Conical Glass Inserts - Precision-Formed Mandrel Interior

Inserts are available preassembled with a polymer bottom spring or patented Top Spring™. The polymer spring acts as a shock absorber that protects against breakage if the needle bottoms out. The conical design permits complete sample removal. The Step Insert precisely sits in the neck of the vial, thus eliminating the need for metal or plastic springs.

Case Pack - 100 pieces

| Cat. No. | Description |
|------------|---|
| 4005BS-625 | 50µL Glass Big Mouth Insert with Bottom Spring |
| 401TS-529 | 100µL Glass Insert with Patented Top Spring™ |
| 4025-629 | 250µL Glass Big Mouth Insert, No Spring |
| 4025BS-629 | 250µL Glass Big Mouth Insert with Bottom Spring |
| 4025GF-631 | 250µL Glass Big Mouth Step Insert with Glass Flange |

Conical Glass Inserts - Pulled Point Interior

Shelf Pack - 100 pieces; Case Pack - 1000 pieces

| Cat. No. | Description |
|--------------|--|
| 4025BSFT-629 | 250µL Glass Big Mouth Insert, with Bottom Spring |
| 4025FT-631 | 250µL Glass Big Mouth Insert, No Spring |

Conical Polypropylene Inserts - Precision-Formed Interior

Shelf Pack - 100 pieces; Case Pack - 1000 pieces

| Cat. No. | Description |
|--------------|--|
| 401PTS-530 | 100µL Polypropylene Insert with Patented Top Spring™ |
| 4025P-631 | 250µL Polypropylene Big Mouth Insert, No Spring |
| 4025P-631BK | 250µL Black Polypropylene Big Mouth Insert, No Spring |
| 4025PBS-631 | 250µL Polypropylene Big Mouth Insert w/Bottom Spring |
| 425PBS-631BK | 250µL Black Polypropylene Big Mouth Insert w/Bottom Spring |
| 4025PF-631 | 250µL Polypropylene Step Insert with Plastic Flange |

Flat Bottom Glass and Polypropylene Inserts

Shelf Pack - 100 pieces; Case Pack - 1000 pieces

| Cat. No. | Description |
|------------|---|
| 4035-630 | 350µL Glass Flat Bottom Insert |
| 4035-630ID | 350µL Glass Flat Bottom Insert with ID Ring |
| 4035P-630 | 350µL Polypropylene Flat Bottom Insert |
| 4035-631 | 350µL Glass Flat Bottom Insert |
| 4035-631ID | 350µL Glass Flat Bottom Insert with ID Ring |

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Convenience Packs



Convenience Packs

Components packaged in a clear lid tray. Fits into bench drawer for easy access, and packaging keeps products visible and particle free.

Shelf Pack - 100 pieces; Case Pack - 1000 pieces

| Cat. No. | Description |
|-----------|---|
| 918525-12 | Clear Vial, Clear Snap Cap, PTFE/Silicone |
| 918526-12 | Clear Vial, Clear Snap Cap, PTFE/Silicone/PTFE |
| 918554-12 | Clear Vial, Clear PolyCrimp™ Seal, PTFE/Rubber |
| 918555-12 | Clear Vial, Clear PolyCrimp™ Seal, PTFE/Silicone |
| 918556-12 | Clear Vial, Clear PolyCrimp™ Seal, PTFE/Silicone/PTFE |

Any combination of vial and closure is available. Please call.

Accessories



Crimpers/Decappers for 11mm Crimp Vials

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 |
|-----------|--|
| 9300-11 | 11mm Hand Operated Crimper |
| 9300-11SS | 11mm Hand Operated Crimper, Stainless Steel |
| 9306-11SS | 11mm Hand Operated Crimper, Stainless Steel w/Grips |
| 9310-11 | 11mm Hand Operated Decapper (Plier Style) |
| 9320-11 | 11mm Crimp Type Decapper |
| 9320-11SS | 11mm Hand Operated Decapper, Stainless Steel |
| 9326-11SS | 11mm Hand Operated Decapper, Stainless Steel w/Grips |



Snap Racks™

Snap Racks™ are constructed of durable glass reinforced polypropylene, with a center well to conveniently hold caps, seals, septa, etc. Racks snap together securely to double your rack capacity.

Case Pack - 5 pieces

| Cat. No. | Description |
|----------|---------------------------------------|
| 9700-12 | 50 Position White Rack for 12mm Vials |
| 9700-12B | 50 Position Blue Rack for 12mm Vials |



Multi-Use Universal Vial Rack™ System

Increased spacing allows the user to pipet samples or attach caps without removing the vials from the rack. Frame is made of glass-reinforced polypropylene and insert trays are made of transparent PETG.

Case Pack - 5 pieces

| Cat. No. | Description |
|----------|---|
| 9600-01 | Universal Vial Rack™, Blue Polypropylene, for Insert Trays |
| 9601-12 | 25 Position Insert Tray for Universal Vial Rack™ for 12mm Vials |