

## Standard Opening Crimp Top Vials, 12x32mm, 11mm Crimp Finish

*All Finneran Products Are Certified*

### Vials



Neck finish allows use of patented Poly Crimp™ Seals or standard aluminum seals. Designed to work in Agilent and other autosamplers. Choose from clear or amber Type I borosilicate glass. Available with graduated marking spots.



The new Interlocked™ Vial is composed of a glass vial and a clear glass insert fused together thus eliminating any movement of the insert and concerns about contaminants around the fused seam/space between the neck of the vial and the insert.

Shelf Pack - 100 pieces; Case Pack - 1000 pieces

Cat. No.	Description
32011-1232	2.0mL Clear Vial
32011-1232A	2.0mL Amber Vial
32011-1232Z	2.0mL Clear Vial, Silanized
32011-1232AZ	2.0mL Amber Vial, Silanized
32011E-1232	2.0mL Clear Vial, White Graduation Spot
32011E-1232A	2.0mL Amber Vial, White Graduation Spot

Graduated Marking Spots also available in Blue, Green, Rust or Yellow

### Limited Volume Interlocked™ Standard Crimp Vials

Case Pack - 100 pieces

Cat. No.	Description
30211-1232	100µL Clear Interlocked™ Vial/Insert
30211-1232A	100µL Amber Interlocked™ Vial/Insert
30211M-1232	100µL Clear Interlocked™ Vial/Insert with Marking Spot
30211M-1232A	100µL Amber Interlocked™ Vial/Insert with Marking Spot

Interlocked™ Vials are also available Silanized

### Closures

*Using Poly Crimp™ seals, in place of aluminum seals, eliminates the need for crimpers and decappers*

### Poly Crimp™ Seals - Patented

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, w/10mil PTFE
5517-11*	11mm Clear Poly Crimp™ Seal, w/10mil PTFE w/Slit
5540-11*	11mm Clear Poly Crimp™ Seal, Clear 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/Silicone w/Starburst

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



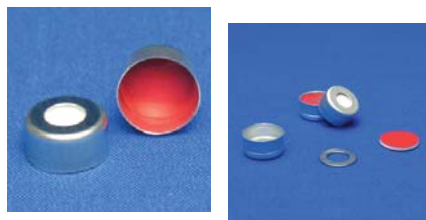
A crimp cap constructed of plastic that fits virtually any 12x32mm sample vial with a crimp style finish. Available in a variety of colors for easy sample identification.

## Standard Opening Crimp Top Vials, 12x32mm, 11mm Crimp Finish

### Closures



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.



Magnetic seals for use with instruments transporting the vials using magnets.



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 Septa are for

high temperatures up to 250°C and eliminate particulates with no interfering peaks.

### Aluminum Seals, Lined

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

### Magnetic Seals

**Shelf Pack - 100 pieces; Case Pack - 1000 pieces**

Cat. No.	Description
5140MR-11	11mm Silver Alum. Seal, PTFE/Butyl Rubber w/Metal O-Ring
5150M-11	11mm Silver Magnetic Seal, PTFE/Silicone
5150MR-11	11mm Silver Alum. Seal, PTFE/Silicone Lined w/Metal O-Ring
5160M-11	11mm Silver Magnetic Seal, PTFE/Silicone/PTFE
5160MR-11	11mm Silver Alum. Seal, PTFE/Sil/PTFE Lined w/Metal O-Ring

### 11mm Aluminum Seals – Ultra Low Bleed Septa

**Shelf Pack - 100 pieces; Case Pack - 1000 pieces**

Cat. No.	Description
5150HT-11	11mm Silver Seal, 1mm Tan PTFE/White Silicone Septa for High Temperatures (up to 250° C)
5150UL-11*	11mm Silver Seal, 1mm Thick Clear PTFE/Blue Silicone Septa

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

### Convenience Packs



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

### Convenience Packs

**Shelf Pack - 100 pieces; Case Pack - 1000 pieces**

Cat. No.	Description
920514-12	Clear Vial, 11mm Silver Seal, Clear PTFE/Red Rubber
920514-12A	Amber Vial, 11mm Silver Seal, Clear PTFE/Red Rubber

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

**J.G. Finneran Associates, Inc.** — Visit [www.JGFinneran.com](http://www.JGFinneran.com) • 1-800-552-3696 • 1-856-696-3605

Engineered and manufactured in compliance with ISO 9001:2008 certified guidelines

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### Limited Volume Inserts

All Glass Inserts are available Silanized.



Inserts are available preassembled with a polymer bottom 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.



100µL Polypropylene Inserts



250µL Glass Flat Bottom Inserts

### Accessories

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### Conical Glass Inserts - Precision-Formed Mandrel Interior

Case Pack - 100 pieces

Cat. No.	Description
4005BS-425	50µL Glass Insert with Bottom Spring
401F-529	100µL Glass Insert with Plastic Flange
401BS-530	100µL Glass Insert with Bottom Spring
401-530	100µL Glass Insert, No Spring
401-531	200µL Glass Insert, No Spring
4015BS-529	150µL Glass Insert with Bottom Spring

### Conical Glass Inserts - Pulled Point Interior

Shelf Pack - 100 pieces; Case Pack - 1000 pieces

Cat. No.	Description
402FT-531	200µL Glass Conical Limited Volume Insert, No Spring

### Conical Polypropylene Inserts - Precision-Formed Interior

Shelf Pack - 100 pieces; Case Pack - 1000 pieces

Cat. No.	Description
401CP-530	100µL Clear Polypropylene Insert, No Spring
401P-530	100µL Polypropylene Insert, No Spring
401PBS-530	100µL Polypropylene Insert with Bottom Spring

### Flat Bottom Glass and Polypropylene Inserts

Shelf Pack - 100 pieces; Case Pack - 1000 pieces

Cat. No.	Description
4025-531	250µL Glass Flat Bottom Insert
4025-531ID	250µL Glass Flat Bottom Insert with ID Ring
4025P-531	250µL Polypropylene Flat Bottom Insert

### Crimpers/Decappers for 11mm Crimp Vials

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
9320-11	11mm Crimp Type Decapper
9320-11SS	11mm Hand Operated Decapper, Stainless Steel
9326-11SS	11mm Hand Operated Decapper, Stainless Steel w/Grips