



Mastelf Technologies Cap & Septa Vials

Mastelf Catalogue

Vials & Laboratory Consumables



Making the Chromatography more efficient

For more details please contact our link from: www.mastelf.com Email: sales@mastelf.com Tel: +86 571 92737791





Perfect Fit From Mastelf Technologies Solutions



TABLE OF CONTENT



2ml 8-425 Vials and Closures [1](#)

2ml 9mm Vials and Closures [3](#)

2ml Crimp Vials and Closures [5](#)

2ml Snap Vials and Closures [7](#)

4ml Screw Vials and Closures [9](#)

15-425 Screw Vials and Closures [10](#)

18-425 Screw Vials and Closures [11](#)

Headspace Vials and Closures [12](#)

24-400 EPA VOA Screw Vials and Closures [14](#)

GL45 Bottle and Safety Cap [16](#)

Syringe Filter [17](#)

Chemical Property Sheet [19](#)



8-425 HPLC Vials, Screw Thread Vials

Part No.	Size	Packing
USP Type		
V842 501	2ml Clear Screw 8mm Neck, 12x32mm, Flat Base, USP Type	100/pk
V842502	2ml Clear Screw 8mm Neck, 12x32mm, with Label, Flat Base, USP Type	100/pk
V842 503	2ml Amber Screw 8mm Neck, 12x32mm, Flat Base, USP Type	100/pk
V842 504	2ml Amber Screw 8mm Neck, 12x32mm, with Label, Flat Base, USP Type	100/pk
Borosilicate Type		
V842 505	2ml Clear Screw 8mm Neck, 12x32mm, Flat Base, Borosilicate Type	100/pk
V842 506	2ml Clear Screw 8mm Neck, 12x32mm, with Label, Flat Base, Borosilicate Type	100/pk
V842 507	2ml Amber Screw 8mm Neck, 12x32mm, Flat Base, Borosilicate Type	100/pk
V842 508	2ml Amber Screw 8mm Neck, 12x32mm with Label, Flat Base, Borosilicate Type	100/pk



8-425 HPLC Vials, Inserted Screw Thread Vials

Part No.	Size	Packing
84 15 001	2ml Clear Screw 8mm Neck, 12x32mm, Flat Base, Glass Inserted Vials	100/pk
84 15 002	2ml Clear Screw 8mm Neck, 12x32mm, with Label, Flat Base, Glass Inserted Vials	100/pk
84 15 003	2ml Amber Screw 8mm Neck, 12x32mm, Flat Base, Glass Inserted Vials	100/pk
84 15 004	2ml Amber Screw 8mm Neck, 12x32mm, with Label, Flat Base, Glass Inserted Vials	100/pk
84 15 006	2ml Clear Screw 8mm Neck, 12x32mm, Flat Base, PP Inserted Vials	100/pk
84 15 007	2ml Clear Screw 8mm Neck, 12x32mm, Flat Base, PP Vials	100/pk

8-425 Thread PP Caps and Septa

- 8-425 HPLC vials, a small diameter thread vials, which is used for narrow neck autosampler
- It also provides a secure environment and effectively to reduce sample evaporation
- Available in unique packaging designed to reduce vial breakage
- Optional ceramic write-on spot with fill marks



Part No.	Size	Packing
8-425 Screw Cap		
C801	8-425 Screw Open Top, Centre hole, Black PP Cap	100/pk
C802	8-425 Screw Open Top, Solid Cap, Black PP Cap	100/pk
8-425 Septa		
S801	8 mm Red PTFE/White Silicone, (1.3mm) thick	100/pk
S802	8 mm White PTFE/Red Silicone, (1.3mm) thick	100/pk
S803	8 mm Red PTFE/White Silicone with Pre-Slit, (1.3mm) Thick	100/pk
S804	8mm White PTFE/Red Silicone with Pre-Slit, (1.3 mm) Thick	100/pk
S805	8mm Blue PTFE/White Silicone, (1.3mm) Thick	100/pk
S806	8 mm Red PTFE/White Silicone /Red PTFE, (1.3mm) Thick	100/pk
2ml 8-425 Vial Cap and PTFE Silicone Septa FULL SET !		
8425 1101	2ml Clear Screw 8-425 with PTFE Silicone Septa and Black Screw Cap	100/pk
8425 1121	2ml Clear Screw 8-425 with Patch with PTFE Silicone Septa and Black Screw Cap	100/pk
8425 1103	2ml Amber Screw 8-425 with PTFE Silicone Septa and Black Screw Cap	100/pk
8425 1104	2ml Amber Screw 8-425 with Patch with PTFE Silicone Septa and Black Screw Cap	100/pk



2mL 12x32mm



8-425 Cap and Septa



PTFE Silicone Septa

Mastelf Technologies Cap & Septa Vials

9mm Screw-Thread Vials

- USP and Borosilicate Type glass available, designed for different working environment
- 2ml 9mm Neck Vials are with flat bottom for security compatible using inserts
- Mastelf Vials compatible with Agilent, Waters, Varian and Shimadzu Autosamplers
- 2 mL, 12 x 32 mm, 9 mm diameter
- Available in unique packaging designed to reduce vial breakage
- 40% larger opening than standard narrow opening vials
- Unique thread design for consistently secure seal

Part No.	Size	Packing
USP Type		
V942 501	2ml Clear Screw 9mm Neck, 12x32mm, Flat Base, USP Type	100/pk
V942 502	2ml Clear Screw 9mm Neck, 12x32mm with Label, Flat Base, USP Type	100/pk
V942 503	2ml Amber Screw 9mm Neck, 12x32mm, Flat Base, USP Type	100/pk
V942 504	2ml Amber Screw 9mm Neck, 12x32mm with Label, Flat Base, USP Type	100/pk
Borosilicate Type		
V942 505	2ml Clear Screw 9mm Neck, 12x32mm, Flat Base, Borosilicate Type	100/pk
V942 506	2ml Clear Screw 9mm Neck, 12x32mm with Label, Flat Base, Borosilicate Type	100/pk
V942 507	2ml Amber Screw 9mm Neck, 12x32mm, Flat Base, Borosilicate Type	100/pk
V942 508	2ml Amber Screw 9mm Neck, 12x32mm with Label, Flat Base, Borosilicate Type	100/pk
Glass Insert compatible		
V942 GL01	Glass Insert with Spring 5.8x28.5mm, Volume 200ul	100/pk
V942 GL02	Shell Style Glass Insert 5.8x31 mm, Volume 300ul	100/pk
V942 GL03	Conical Glass Insert 5.8x31 mm, Volume 250ul	100/pk

9mm HPLC Vials, Inserted Screw Thread Vials

Part No.	Size	Packing
94 15 001	2ml Clear Screw 9mm Neck, 12x32mm, Flat Base, Glass Inserted Vials	100/pk
94 15 002	2ml Clear Screw 9mm Neck, 12x32mm with Label, Flat Base, Glass Inserted Vials	100/pk
94 15 003	2ml Amber Screw 9mm Neck, 12x32mm, Flat Base, Glass Inserted Vials	100/pk
94 15 004	2ml Amber Screw 9mm Neck, 12x32mm with Label, Flat Base, Glass Inserted Vials	100/pk
PP 9mm Screw Vials		
94 15 006	2ml Clear Screw 8mm Neck, 12x32mm, Flat Base, PP Inserted Vials	100/pk
94 15 007	2ml Clear Screw 8mm Neck, 12x32mm, Flat Base, PP Vials	100/pk
High Recovery Vials		
94 15 008	2ml, ND9 Clear Screw 12x32mm, USP Type, High Recovery Vial	100/pk
94 15 009	2ml, ND9 Clear Screw with Patch 12x32mm, USP Type, High Recovery Vial	100/pk
94 15 010	2ml, ND9 Amber Screw 12x32mm, USP Type, High Recovery Vial	100/pk
94 15 011	2ml, ND9 Amber Screw with Patch 12x32mm, USP Type, High Recovery Vial	100/pk



9mm Thread PP Cap and Septa

Part No.	Size	Packing
9mm Screw Cap		
C901	9mm Screw Open Top, Centre hole, Blue PP Cap	100/pk
C902	9mm Screw Open Top, Solid Cap, Blue PP Cap	100/pk
9mm Septa		
S901	9 mm Red PTFE/White Silicone, (1 mm) thick	100/pk
S902	9 mm White PTFE/Red Silicone, (1 mm) thick	100/pk
S903	9 mm Red PTFE/White Silicone with Pre-Slit, (1mm) Thick	100/pk
S904	9 mm White PTFE/Red Silicone with Pre-Slit, (1mm) Thick	100/pk
S905	9 mm Blue PTFE/White Silicone, (1mm) Thick	100/pk
S906	9 mm Blue PTFE/White Silicone with Pre-Slit, (1mm) Thick	100/pk
S907	9 mm Red PTFE/White Silicone/Red PTFE	100/pk
2ml 9mm Vial Cap and PTFE Silicone Septa FULL SET !		
9425 1101	2ml Clear 9mm Screw with PTFE Silicone Septa and Screw Cap	100/pk
9425 1121	2ml Clear 9mm Screw with Patch with PTFE Silicone Septa and Screw Cap	100/pk
9425 1103	2ml Amber 9mm Screw with PTFE Silicone Septa and Screw Cap	100/pk
9425 1104	2ml Amber 9mm Screw with Patch with PTFE Silicone Septa and Screw Cap	100/pk
High Recovery Vials Newly Launched !		
94 115 008	2ml,ND9 Clear Screw 12x32mm, USP Type, High Recovery Vial	100/pk
94 115 009	2ml, ND9 Clear Screw with Patch 12x32mm, USP Type, High Recovery Vial	100/pk
94 115 010	2ml,ND9 Amber Screw 12x32mm, USP Type, High Recovery Vial	100/pk
94 115 011	2ml, ND9 Amber Screw with Patch 12x32mm, USP Type, High Recovery Vial	100/pk



Open and Solid Cap

Prevent sequence problems and unpleasant surprises:

Use **Mastelf** Certified Vials, Caps, and Septa



Pre-Slit Septa

2ml Crimp Vial, 12x32mm, 11mm Neck, Flat base

The wide opening crimp cap provides a larger target area for improved autosampler needle accuracy. Select from five cap colors and a variety of septa. Whatever your crimp top vial needs, Mastelf has what you are looking for.

- 2ml 11 mm Opening, Crimp Type
- Compatible with 11x1mm PTFE Silicone and Viton Septa Aluminum Crimp Cap
- Viton Septa more stable than PTFE Silicone If Working Temperature ≥ 200 °C
- Tightly controlled crown for improved crimping
- Precision-formed neck for improved autosampler handling
- Optional ceramic write-on spot with fill marks



Part No.	Size	Packing
USP Type		
V1142 501	2ml Clear Crimp, 12x32mm, Flat Base, USP Type	100/pk
V1142 502	2ml Clear Crimp, 12x32mm with Label, Flat Base, USP Type	100/pk
V1142 503	2ml Amber Crimp, 12x32mm, Flat Base, USP Type	100/pk
V1142 504	2ml Amber Crimp, 12x32mm with Label, Flat Base, USP Type	100/pk
Borosilicate Type		
V1142 505	2ml Clear Crimp, 12x32mm, Flat Base, Borosilicate Type	100/pk
V1142 506	2ml Clear Crimp, 12x32mm with Label, Flat Base, Borosilicate Type	100/pk
V1142 507	2ml Amber Crimp, 12x32mm, Flat Base, Borosilicate Type	100/pk
V1142 508	2ml Amber Crimp, 12x32mm with Label, Flat Base, Borosilicate Type	100/pk

2ml Crimp Vials, Inserted Vials



Part No.	Size	Packing
11 15 001	2ml Clear Crimp, 12x32mm, Flat Base, Glass Inserted Vials	100/pk
11 15 002	2ml Clear Crimp, 12x32mm with Label, Flat Base, Glass Inserted Vials	100/pk
11 15 003	2ml Amber Crimp, 12x32mm, Flat Base, Glass Inserted Vials	100/pk
1115 004	2ml Amber Crimp, 12x32mm with Label, Flat Base, Glass Inserted Vials	100/pk
PP Crimp Vial		
11 15 006	2ml Clear Crimp, 12x32mm, Flat Base, PP Inserted Vials	100/pk
11 15 007	2ml Clear Crimp, 12x32mm, Flat Base, PP Vials	100/pk

11mm Open Top Aluminum Crimp Cap and Septa

Part No.	Size	Packing
11mm Crimp Cap		
C1101	11 mm Open Top Aluminum Crimp Cap	100/pk
11mm Septa		
S1101	11 mm Red PTFE/White Silicone, (1 mm) thick	100/pk
S1102	11 mm White PTFE/Red Silicone, (1 mm) thick	100/pk
S1103	11 mm Red PTFE/White Silicone/Red PTFE	100/pk
S1104	11 mm Red PTFE/White Silicone with Pre-Slit, (1mm) Thick	100/pk
S1105	11 mm Viton Septa, (1mm) Thick	100/pk
S1106	11 mm Natural PTFE/Black Natural Rubber/Natural PTFE, (1mm) Thick	100/pk
S1107	11 mm Natural PTFE/Black Butyl, (1mm) Thick	100/pk
2ml Crimp Vial Cap and PTFE Silicone Septa FULL SET !		
1142 1101	2ml Clear Crimp with PTFE Silicone Septa and Aluminum Crimp Cap	100/pk
1142 1102	2ml Clear Crimp with Patch with PTFE Silicone Septa and Aluminum Crimp Cap	100/pk
1142 1103	2ml Amber Crimp with PTFE Silicone Septa and Aluminum Crimp Cap	100/pk
1142 1104	2ml Amber Crimp Patch with PTFE Silicone Septa and Aluminum Crimp Cap	100/pk



Crimp Top Cap



11x1mm Septa



Making the Chromatography more efficient

For more details please contact our link from: www.mastelf.com

2ml Snap Vial, 12x32mm, 11mm Neck, Flat base



The wide opening crimp cap provides a larger target area for improved autosampler needle accuracy. Select from five cap colors and a variety of septa. Whatever your crimp top vial needs, Mastelf has what you are looking for.

- 2ml 11 mm Opening, Snap Type
- Compatible with 11x1mm PTFE Silicone and Snap Cap
- Viton Septa more stable than PTFE Silicone If Working Temperature ≥ 200 °C
- 11 mm Snap Design Vials, can economically reduce samples evaporation.
- Just press the cap will be sealed well with vials
- Optional ceramic write-on spot with fill marks

Part No.	Size	Packing
USP Type		
V1142 509	2ml Clear Snap, 12x32mm, Flat Base, USP Type	100/pk
V1142 510	2ml Clear Snap, 12x32mm with Label, Flat Base, USP Type	100/pk
V1142 511	2ml Amber Snap, 12x32mm, Flat Base, USP Type	100/pk
V1142 512	2ml Amber Snap, 12x32mm with Label, Flat Base, USP Type	100/pk
Borosilicate Type		
V1142 513	2ml Clear Snap, 12x32mm, Flat Base, Borosilicate Type	100/pk
V1142 514	2ml Clear Snap, 12x32mm with Label, Flat Base, Borosilicate Type	100/pk
V1142 515	2ml Amber Snap, 12x32mm, Flat Base, Borosilicate Type	100/pk
V1142 516	2ml Amber Snap, 12x32mm with Label, Flat Base, Borosilicate Type	100/pk

2ml Snap Vials, Inserted Vials

Part No.	Size	Packing
11 15 005	2ml Clear Snap, 12x32mm, Flat Base, Glass Inserted Vials	100/pk
11 15 006	2ml Clear Snap, 12x32mm with Label, Flat Base, Glass Inserted Vials	100/pk
11 15 007	2ml Amber Snap, 12x32mm, Flat Base, Glass Inserted Vials	100/pk
11 15 008	2ml Amber Snap, 12x32mm with Label, Flat Base, Glass Inserted Vials	100/pk
PP Crimp Vial		
11 15 006	2ml Clear Snap, 12x32mm, Flat Base, PP Inserted Vials	100/pk
11 15 007	2ml Clear Snap, 12x32mm, Flat Base, PP Vials	100/pk



11mm Open Top Snap Cap and Septa

Part No.	Size	Packing
11mm Crimp Cap		
C1102	11 mm Open Top Snap Cap	100/pk
11mm Septa		
S1111	11 mm Red PTFE/White Silicone, (1 mm) thick	100/pk
S1112	11 mm White PTFE/Red Silicone, (1 mm) thick	100/pk
S1113	11 mm Red PTFE/White Silicone/Red PTFE	100/pk
S1114	11 mm Red PTFE/White Silicone with Pre-Slit, (1mm) Thick	100/pk
S1115	11 mm Viton Septa, (1mm) Thick	100/pk
S1116	11 mm Natural PTFE/Black Natural Rubber/Natural PTFE, (1mm) Thick	100/pk
S1117	11 mm Natural PTFE/Black Butyl, (1mm) Thick	100/pk
2ml Snap Vial Cap and PTFE Silicone Septa FULL SET !		
1142 1105	2ml Clear Snap with PTFE Silicone Septa and Snap Cap	100/pk
1142 1106	2ml Clear Snap with Patch with PTFE Silicone Septa and Snap Cap	100/pk
1142 1107	2ml Amber Snap with PTFE Silicone Septa and Snap Cap	100/pk
1142 1108	2ml Amber Snap Patch with PTFE Silicone Septa and Snap Cap	100/pk



Shell Vial

Part No.	Size	Packing
Shell Vial		
840 1001	Shell Vial 1ml Clear, 8x40	100/pk
840 1002	Shell Vial 1ml Amber, 8x40	100/pk
Plug		
C840	PE Clear color Plug for Shell Vial	100/pk
Shell Vial with Plug FULL SET !		
840 5001	Shell Vial 1ml Clear, 8x40 with Plug	100/pk
840 5002	Shell Vial 1ml Amber, 8x40 with Plug	100/pk

Mastelf Technologies Cap & Septa Vials

13-425 Screw Vial, Cap and Septa

- 4mL vials are compatible with 13-425 screw thread
- Choice of solid or open top phenolic screw cap
- Vials and cap are autoclavable design
- Choice of solid or open top phenolic screw cap

Part No.	Size	Packing
USP Type		
V1342 501	4ml Clear Screw, 15x45mm, Flat Base, USP Type	100/pk
V1342 502	4ml Clear Screw, 15x45mm, with Label, Flat Base, USP Type	100/pk
V1342 503	4ml Amber Screw, 15x45mm, Flat Base, USP Type	100/pk
V1342 504	4ml Amber Screw, 15x45mm, with Label, Flat Base, USP Type	100/pk
Borosilicate Type		
V1342 505	4ml Clear Screw, 15x45mm, Flat Base, Borosilicate Type	100/pk
V1342 506	4ml Clear Screw, 15x45mm, with Label, Flat Base, Borosilicate Type	100/pk
V1342 507	4ml Amber Screw, 15x45mm, Flat Base, Borosilicate Type	100/pk
V1342 508	4ml Amber Screw, 15x45mm, with Label, Flat Base, Borosilicate Type	100/pk



13-425 Thread PP Cap and Septa

Part No.	Size	Packing
13-425 Screw Cap		
C1301	13-425 Open Top Screw Cap	100/pk
C1302	13-425 Solid Screw Cap	100/pk
C1303	13-425 Solid Phenolic Screw Cap (autoclavable!)	
13-425 Septa		
S1301	12 mm Red PTFE/White Silicone, (1.5mm) thick	100/pk
S1302	12 mm White PTFE/Red Silicone, (1.5mm) thick	100/pk
S1303	12 mm Red PTFE/White Silicone with Pre-Slit, (1.5mm) Thick	100/pk
S1304	12 mm White PTFE/Red Silicone with Pre-slit, (1.5mm) thick	100/pk
4ml Screw Vial Cap and PTFE Silicone Septa FULL SET !		
1342 1101	4ml Clear Screw with PTFE Silicone Septa and Black Screw Cap	100/pk
1342 1102	4ml Clear Screw with Patch with PTFE Silicone Septa and Black Screw Cap	100/pk
1342 1103	4ml Amber Screw with PTFE Silicone Septa and Black Screw Cap	100/pk
1342 1104	4ml Amber Screw Patch with PTFE Silicone Septa and Black Screw Cap	100/pk

Mastelf Technologies Cap & Septa Vials



15-425 Screw Sample Vial Cap and Septa

- Open top screw cap used for sample retrieval with a syringe
- Sample Vials in Vial File provides a compact, easily accessible means of sample storage
- Available in solid screw cap or open top screw cap
- Vials and caps are autoclavable design
- Choice of solid or open top phenolic screw cap
- These vials can also be used as storage vials.

Part No.	Size	Packing
15-425 Cap		
C1501	15-425 Open Top Screw Cap	100/pk
C1502	15-425 Solid Screw Cap	100/pk
C1503	15-425 Solid Phenolic Screw Cap (autoclavable!)	100/pk
15-425 Septa		
S1501	13 mm Natural PTFE/White Silicone (1.5mm) thick	100/pk
S1502	13 mm Red PTFE/White Silicone (1.5mm) thick	100/pk
3-12ml 15-425 Vial		
1542 1501	3ml Clear Vial, 16x35mm	100/pk
1542 1502	3ml Amber Vial, 16x35mm	100/pk
1542 1503	5ml Clear Vial, 18x40mm	100/pk
1542 1504	5ml Amber Vial, 18x40mm	100/pk
1542 1505	8ml Clear Vial, 16x61mm	100/pk
1542 1506	8ml Amber Vial, 16x61mm	100/pk
1542 1507	12ml Clear Vial, 18x65mm	100/pk
1542 1508	12ml Amber Vial, 18x65mm	100/pk
3-12ml 15-425 Vial with Cap and PTFE Silicone Septa FULL SET !		
1542 1001	3ml Clear Vial, 16x35mm with Cap and PTFE Silicone Septa	100/pk
1542 1002	3ml Amber Vial, 16x35mm with Cap and PTFE Silicone Septa	100/pk
1542 1003	5ml Clear Vial, 18x40mm with Cap and PTFE Silicone Septa	100/pk
1542 1004	5ml Amber Vial, 18x40mm with Cap and PTFE Silicone Septa	100/pk
1542 1005	8ml Clear Vial, 16x61mm with Cap and PTFE Silicone Septa	100/pk
1542 1006	8ml Amber Vial, 16x61mm with Cap and PTFE Silicone Septa	100/pk
1542 1007	12ml Clear Vial, 18x65mm with Cap and PTFE Silicone Septa	100/pk
1542 1008	12ml Amber Vial, 18x65mm with Cap and PTFE Silicone Septa	100/pk

18-425 Screw Sample Vial Cap and Septa

- Open top screw cap used for sample retrieval with a syringe
- Sample Vials in Vial File provides a compact, easily accessible means of sample storage
- Available in solid screw cap or open top screw cap
- Vials and caps are autoclavable design
- Choice of solid or open top phenolic screw cap
- These vials can also be used as storage vials.



Part No.	Size	Packing
18-425 Cap		
C1841	18-425 Open Top Screw Cap	100/pk
C1842	18-425 Solid Screw Cap	100/pk
C1843	18-425 Solid Phenolic Screw Cap (autoclavable!)	100/pk
18-425 Septa		
S1841	16 mm Natural PTFE/Natural Silicone, (1.5mm) thick	100/pk
S1842	16 mm Natural PTFE/White Silicone, (1.5mm) thick	100/pk
3-12ml 18-425 Vial		
1842 1801	10ml Clear Vial, 22x50mm	100/pk
1842 1802	10ml Amber Vial, 22x50mm	100/pk
1842 1803	15ml Clear Vial, 22x70mm	100/pk
1842 1804	15ml Amber Vial, 22x70mm	100/pk
1842 1805	16ml Clear Vial, 22x75mm	100/pk
1842 1806	16ml Amber Vial, 22x75mm	100/pk
3-12ml 18-425 Vial with Cap and PTFE Silicone Septa FULL SET !		
1842 1101	10ml Clear Vial, 22x50mm with Cap and PTFE Silicone Septa	100/pk
1842 1102	10ml Amber Vial, 22x50mm with Cap and PTFE Silicone Septa	100/pk
1842 1103	15ml Clear Vial, 22x70mm with Cap and PTFE Silicone Septa	100/pk
1842 1104	15ml Amber Vial, 22x70mm with Cap and PTFE Silicone Septa	100/pk
1842 1105	16ml Clear Vial, 22x75mm with Cap and PTFE Silicone Septa	100/pk
1842 1106	16ml Amber Vial, 22x75mm with Cap and PTFE Silicone Septa	100/pk

Headspace Vial

- Mastelf headspace vials provide 2.2-2.4 mm thickness which insures even heat distribution for consistent sampling reliability
- Compatible with 99% of well-known brand such as Agilent, Waters, Varian autosampler
- Choice of a pressure safety release cap at 45 psi
- Choice of crimp or screw top vials
- Choice of flat or rounded bottom designs
- Beveled top for maximum secure seal
- Choices of writing on spot designs



Part No.	Size	Packing
Crimp Flat Bottom		
ND20 1101	6ml Crimp Clear, 23x38 mm, Flat Bottom	100/pk
ND20 1102	6ml Crimp Amber, 23x38 mm, Flat Bottom	100/pk
ND20 1103	10ml Crimp Clear, 23x45 mm, Flat Bottom	100/pk
ND20 1104	10ml Crimp Amber, 23x45 mm, Flat Bottom	100/pk
ND20 1105	20ml Crimp Clear, 23x75 mm, Flat Bottom	100/pk
ND20 1106	20ml Crimp Amber, 23x75 mm, Flat Bottom	100/pk
Crimp Rounded Bottom		
ND20 1107	6ml Crimp Clear, 23x38 mm, Rounded Bottom	100/pk
ND20 1108	6ml Crimp Amber, 23x38 mm, Rounded Bottom	100/pk
ND20 1109	10ml Crimp Clear, 23x45 mm, Rounded Bottom	100/pk
ND20 1110	10ml Crimp Amber, 23x45 mm, Rounded Bottom	100/pk
ND20 1111	20ml Crimp Clear, 23x75 mm, Rounded Bottom	100/pk
ND20 1112	20ml Crimp Amber, 23x75 mm, Rounded Bottom	100/pk
Screw Flat Bottom		
ND18 1101	6ml Screw Clear, 23x38 mm, Flat Bottom	100/pk
ND18 1102	6ml Screw Amber, 23x38 mm, Flat Bottom	100/pk
ND18 1103	10ml Screw Clear, 23x45 mm, Flat Bottom	100/pk
ND18 1104	10ml Screw Amber, 23x45 mm, Flat Bottom	100/pk
ND18 1105	20ml Screw Clear, 23x75 mm, Flat Bottom	100/pk
ND18 1106	20ml Screw Amber, 23x75 mm, Flat Bottom	100/pk
Screw Rounded Bottom		
ND18 1107	6ml Screw Clear, 23x38 mm, Rounded Bottom	100/pk
ND18 1108	6ml Screw Amber, 23x38 mm, Rounded Bottom	100/pk
ND18 1109	10ml Screw Clear, 23x45 mm, Rounded Bottom	100/pk
ND18 1110	10ml Screw Amber, 23x45 mm, Rounded Bottom	100/pk
ND18 1111	20ml Screw Clear, 23x75 mm, Rounded Bottom	100/pk
ND18 1112	20ml Screw Amber, 23x75 mm, Rounded Bottom	100/pk

Cap and Septa for Headspace Vial

Part No.	Size	Packing
Headspace Crimp and Screw Cap		
C201	20mm Open Top Aluminum Crimp Cap	100/pk
C202	20mm Open Top Magnetic Crimp Cap	100/pk
C203	20mm Open Top Bimetal Crimp Cap	100/pk
C1801	18mm Open Top Magnetic Screw Cap	100/pk
Septa 3mm Thick		
S2001	20mm Natural PTFE/White Silicone, (3mm) Thick	100/pk
S2002	20mm White PTFE/White Silicone, (3mm) Thick	100/pk
S2003	20mm White PTFE/Natural Silicone, (3mm) Thick	100/pk
S2004	20mm Natural PTFE/Natural Silicone, (3mm) Thick	100/pk
S2005	20mm White PTFE/Blue Silicone, (3mm) Thick	100/pk
S2006	20mm Blue PTFE/White Silicone, (3mm) Thick	100/pk
Septa 1.5mm Thick		
S2007	20mm Natural PTFE/White Silicone, (1.5mm) Thick	100/pk
S2008	20mm White PTFE/White Silicone, (1.5mm) Thick	100/pk
S2009	20mm White PTFE/Natural Silicone, (1.5mm) Thick	100/pk
S2010	20mm Natural PTFE/Natural Silicone, (1.5mm) Thick	100/pk
S2011	20mm White PTFE/Blue Silicone, (1.5mm) Thick	100/pk
S2012	20mm Blue PTFE/White Silicone, (1.5mm) Thick	100/pk
S1801	17.5 mm Blue PTFE/White Silicone, (1.5 mm) Thick	100/pk
S1802	17.5 mm Red PTFE/White Silicone, (1.5 mm) Thick	100/pk
S1803	17.5 mm Blue PTFE/White Silicone, Pre-slit, (1.5 mm) Thick	100/pk
S1804	17.5 mm Red PTFE/White Silicone, Pre-slit, (1.5 mm) Thick	100/pk



24-400 EPA VOA Vial

- Open top screw cap used for sample retrieval with a syringe
- Available in solid screw cap or open top screw cap
- Vials and caps are autoclavable design
- Choice of solid or open top phenolic screw cap
- These vials can also be used as storage vials.
- Provide constant pH for duration of sample storage life
- A clean work environment production, improve products reliability
- A perfect standard working for EPA CFR 136 and EPA40 CFR 141



Part No.	Size	Packing
USP Type		
2440 2401	20ml Clear 27.5x57mm EPA Vial, USP Type	100/pk
2440 2402	20ml Amber 27.5x57mm EPA Vial, USP Type	100/pk
2440 2403	30ml Clear 27.5x 72.5mm EPA Vial, USP Type	100/pk
2440 2404	30ml Amber 27.5x 72.5mm EPA Vial, USP Type	100/pk
2440 2405	40ml Clear 27.5x95mm EPA Vial, USP Type	100/pk
2440 2406	40ml Amber 27.5x95mm EPA Vial, USP Type	100/pk
2440 2407	50ml Clear 27.5x108mm EPA Vial, USP Type	100/pk
2440 2408	50ml Amber 27.5x108mm EPA Vial, USP Type	100/pk
2440 2409	60ml Clear 27.5x140mm EPA Vial, USP Type	100/pk
2440 2410	60ml Amber 27.5x140mm EPA Vial, USP Type	100/pk
Borosilicate Type		
2440 2411	20ml Clear 27.5x57mm EPA Vial Borosilicate Type	100/pk
2440 2412	20ml Amber 27.5x57mm EPA Vial Borosilicate Type	100/pk
2440 2413	30ml Clear 27.5x 72.5mm EPA Vial Borosilicate Type	100/pk
2440 2414	30ml Amber 27.5x 72.5mm EPA Vial Borosilicate Type	100/pk
2440 2415	40ml Clear 27.5x95mm EPA Vial Borosilicate Type	100/pk
2440 2416	40ml Amber 27.5x95mm EPA Vial Borosilicate Type	100/pk
2440 2417	50ml Clear 27.5x108mm EPA Vial Borosilicate Type	100/pk
2440 2418	50ml Amber 27.5x108mm EPA Vial Borosilicate Type	100/pk
2440 2419	60ml Clear 27.5x140mm EPA Vial Borosilicate Type	100/pk
2440 2420	60ml Amber 27.5x140mm EPA Vial Borosilicate Type	100/pk

Mastelf Technologies Cap & Septa Vials

Cap and Septa for 24-400 EPA VOA Vial

Part No.	Size	Packing
24-400 Cap		
C2401	24-400 Open Top PP Screw Cap	100/pk
C2402	24-400 Open Top Solid Screw Cap	100/pk
C2403	24-400 Solid Phenolic Screw Cap (autoclavable!)	100/pk
24-400 Septa		
S2401	22mm Natural PTFE/White Silicone, (3mm) Thick	100/pk
S2402	22mm White PTFE/Natural Silicone, (3mm) Thick	100/pk
S2403	22mm Natural PTFE/Natural Silicone, (3mm) Thick	100/pk
S2404	22mm Blue PTFE/White Silicone, (3mm) Thick	100/pk
S2405	22mm White PTFE/Blue Silicone, (3mm) Thick	100/pk
S2406	22mm Natural PTFE/White Silicone, (1.5mm) Thick	100/pk
S2407	22mm White PTFE/Natural Silicone, (1.5mm) Thick	100/pk
S2408	22mm Natural PTFE/Natural Silicone, (1.5mm) Thick	100/pk
S2409	22mm Blue PTFE/White Silicone, (1.5mm) Thick	100/pk
S2410	22mm White PTFE/Blue Silicone, (1.5mm) Thick	100/pk
24-400 Vial with Cap and PTFE Silicone Septa FULL SET !		
2440 1011	20ml Clear 27.5x57mm EPA Sampler Vials Borosilicate Type with Cap and PTFE Silicone Septa	100/pk
2440 1012	20ml Amber 27.5x57mm EPA Sampler Vials Borosilicate Type with Cap and PTFE Silicone Septa	100/pk
2440 1013	30ml Clear 27.5x 72.5mm EPA Sampler Vials Borosilicate Type with Cap and PTFE Silicone Septa	100/pk
2440 1014	30ml Amber 27.5x 72.5mm EPA Sampler Vials Borosilicate Type with Cap and PTFE Silicone Septa	100/pk
2440 1015	40ml Clear 27.5x95mm EPA Sampler Vials Borosilicate Type with Cap and PTFE Silicone Septa	100/pk
2440 1016	40ml Amber 27.5x95mm EPA Sampler Vials Borosilicate Type with Cap and PTFE Silicone Septa	100/pk
2440 1017	50ml Clear 27.5x108mm EPA Sampler Vials Borosilicate Type with Cap and PTFE Silicone Septa	100/pk
2501 1018	50ml Amber 27.5x108mm EPA Sampler Vials Borosilicate Type with Cap and PTFE Silicone Septa	100/pk
2440 1019	60ml Clear 27.5x140mm EPA Sampler Vials Borosilicate Type with Cap and PTFE Silicone Septa	100/pk
2440 1020	60ml Amber 27.5x140mm EPA Sampler Vials Borosilicate Type with Cap and PTFE Silicone Septa	100/pk



GL45 BOTTLE AND SAFETY CAP

- We have size available from 25ml to 2000ml in amber and clear color.
- Safety Cap also called mobile phase cap, blue, yellow and red color available.
- For all GL 45 screw threads
- Temperature resistant up to +140°C
- Lab reagent storage bottle is also called media bottle, which is optimal for storing biological fluids, reagent, culture media and a multitude of other nonaqueous and aqueous solutions
- Stainless steel safety cap available.



Part No.	Size	Packing
GL 45 BOTTLE		
45112101	GL45 Bottle Clear 25ml, Flat Bottom	288/box
45112102	GL45 Bottle Amber 25ml, Flat Bottom	288/box
45112103	GL45 Bottle Clear 50ml, Flat Bottom	144/box
45112104	GL45 Bottle Amber 50ml, Flat Bottom	144/box
45112105	GL45 Bottle Clear 100ml, Flat Bottom 57x99mm	96/box
45112106	GL45 Bottle Amber 100ml, Flat Bottom 57x99mm	96/box
45112107	GL45 Bottle Clear 250ml, Flat Bottom 70x137mm	70/box
45112108	GL45 Bottle Amber 250ml, Flat Bottom 70x137mm	70/box
45112109	GL45 Bottle Clear 500ml, Flat Bottom 86x180mm	24/box
45112110	GL45 Bottle Amber 500ml, Flat Bottom 86x180mm	24/box
45112111	GL45 Bottle Clear 1000ml, Flat Bottom 100x230mm	15/box
45112112	GL45 Bottle Amber 1000ml, Flat Bottom 100x230mm	15/box
45112113	GL45 Bottle Clear 2000ml, Flat Bottom 133x275mm	12/box
45112114	GL45 Bottle Amber 2000ml, Flat Bottom 133x275mm	12/box
Septa for GL45 Cap		
450101	43mm Natural PTFE/Natural Silicone, (3mm) Thick	100/pk
GL 45 Safety Cap		
450201	GL45 Safety Cap with one hole, 1/8 inch O/D tubing	1/pk
450202	GL45 Safety Cap with two hole, 1/8 inch O/D tubing	1/pk
450203	GL45 Safety Cap with Three hole, 1/8 inch O/D tubing	1/pk
450204	GL45 Safety Cap with Four hole, 1/8 inch O/D tubing	1/pk
PEEK Fitting		
450301	10-32 thread with natural color peek material for 1/16 O/D tubing	100/pk
450302	1/4-28 thread with natural color peek material for 1/8 O/D tubing	100/pk

Syringe Filter (Non-Sterile)

- Mastelf Syringe filters, perfectly used to remove particles from a sample, prior to analysis by HPLC
- Nylon, MCE, PTFE, PES, PVDF, CA, GF Available



Part No.	Size	Packing
MCE (Mixed Cellulose Ester)		
MS-MC21101S	MCE Syringe Filter, Porosity: 0.22 μ m, Diameter: 13 mm	100/pk
MS-MC21102S	MCE Syringe Filter, Porosity: 0.45 μ m, Diameter: 13 mm	100/pk
MS-MC21103S	MCE Syringe Filter, Porosity: 0.22 μ m, Diameter: 25 mm	100/pk
MS-MC21104S	MCE Syringe Filter, Porosity: 0.45 μ m, Diameter: 25 mm	100/pk
CA (Cellulose Acetate)		
MS-CA21101S	CA Syringe Filter, Porosity: 0.22 μ m, Diameter: 13 mm	100/pk
MS-CA21102S	CA Syringe Filter, Porosity: 0.45 μ m, Diameter: 13 mm	100/pk
MS-CA21103S	CA Syringe Filter, Porosity: 0.22 μ m, Diameter: 25 mm	100/pk
MS-CA21104S	CA Syringe Filter, Porosity: 0.45 μ m, Diameter: 25 mm	100/pk
Nylon		
MS-NY21105S	Nylon Syringe Filter, Porosity: 0.22 μ m, Diameter: 13 mm	100/pk
MS-NY21106S	Nylon Syringe Filter, Porosity: 0.45 μ m, Diameter: 13 mm	100/pk
MS-NY21107S	Nylon Syringe Filter, Porosity: 0.22 μ m, Diameter: 25 mm	100/pk
MS-NY21108S	Nylon Syringe Filter, Porosity: 0.45 μ m, Diameter: 25 mm	100/pk
PTFE (Polytetrafluoroethylene) Hydrophobic		
MS-PT21109S	PTFE Hydrophobic Syringe Filter, Porosity: 0.22 μ m, Diameter: 13 mm	100/pk
MS-PT21110S	PTFE Hydrophobic Syringe Filter, Porosity: 0.45 μ m, Diameter: 13 mm	100/pk
MS-PT21111S	PTFE Hydrophobic Syringe Filter, Porosity: 0.22 μ m, Diameter: 25 mm	100/pk
MS-PT21112S	PTFE Hydrophobic Syringe Filter, Porosity: 0.45 μ m, Diameter: 25 mm	100/pk
PTFE (Polytetrafluoroethylene) Hydrophilic		
MS-PT21113S	PTFE Hydrophilic Syringe Filter, Porosity: 0.22 μ m, Diameter: 13 mm	100/pk
MS-PT21114S	PTFE Hydrophilic Syringe Filter, Porosity: 0.45 μ m, Diameter: 13 mm	100/pk
MS-PT21115S	PTFE Hydrophilic Syringe Filter, Porosity: 0.22 μ m, Diameter: 25 mm	100/pk
MS-PT21116S	PTFE Hydrophilic Syringe Filter, Porosity: 0.45 μ m, Diameter: 25 mm	100/pk

Syringe Filter (Non-Sterile)

- Mastelf Syringe filters, perfectly used to remove particles from a sample, prior to analysis by HPLC
- Nylon, MCE, PTFE, PES, PVDF, CA, GF Available



Part No.	Size	Packing
PES (Polyethersulfone)		
MS-PE21113S	PES Syringe Filter, Porosity: 0.22 μm , Diameter:13 mm	100/pk
MS-PE21114S	PES Syringe Filter, Porosity: 0.45 μm , Diameter:13 mm	100/pk
MS-PE21115S	PES Syringe Filter, Porosity: 0.22 μm , Diameter:25 mm	100/pk
MS-PE21116S	PES Syringe Filter, Porosity: 0.45 μm , Diameter:25 mm	100/pk
PVDF (Polyvinylidene Fluoride) Hydrophobic		
MS-PV21117S	PVDF Hydrophobic Syringe Filter, Porosity: 0.22 μm , Diameter:13 mm	100/pk
MS-PT21118S	PVDF Hydrophobic Syringe Filter, Porosity: 0.45 μm , Diameter:13 mm	100/pk
MS-PT21119S	PVDF Hydrophobic Syringe Filter, Porosity: 0.22 μm , Diameter:25 mm	100/pk
MS-PT21120S	PVDF Hydrophobic Syringe Filter, Porosity: 0.45 μm , Diameter:25 mm	100/pk
PVDF (Polyvinylidene Fluoride) Hydrophilic		
MS-PV21121S	PVDF Hydrophilic Syringe Filter, Porosity: 0.22 μm , Diameter:13 mm	100/pk
MS-PT21122S	PVDF Hydrophilic Syringe Filter, Porosity: 0.45 μm , Diameter:13 mm	100/pk
MS-PT21123S	PVDF Hydrophilic Syringe Filter, Porosity: 0.22 μm , Diameter:25 mm	100/pk
MS-PT21124S	PVDF Hydrophilic Syringe Filter, Porosity: 0.45 μm , Diameter:25 mm	100/pk
GF (Glass Fiber)		
MS-GF21125S	GF Syringe Filter, Porosity: 0.22 μm , Diameter:13 mm	100/pk
MS-GF21126S	GF Syringe Filter, Porosity: 0.45 μm , Diameter:13 mm	100/pk
MS-GF21127S	GF Syringe Filter, Porosity: 0.22 μm , Diameter:25 mm	100/pk
MS-GF21128S	GF Syringe Filter, Porosity: 0.45 μm , Diameter:25 mm	100/pk

Chemical Property Sheet

PTFE

- A Very high standard of solvent resistance.
- Do not use before or after the injection of the sample storage
- No Reuse, one time using only.
- More economically septa.
- High working temperature @ 260℃.

PTFE/硅胶垫片 (PTFE/Silicone Septa)

- Used for before or after the injection of the sample storage
- Autoclavable and coring with superior tolerance
- Before Penetration being a PTFE chemically inert.
- Working temperature Varies from -40 ℃ ~260℃

预切口 PTFE/硅胶垫片 (PTFE/ Silicone Septa Pre-slit)

- Prevent or reduce needle damage.
- For preventing the formation of vacuum in the Vials
- Working temperature Varies from -40 ℃ ~260℃

PTFE/硅胶垫片/PTFE (PTFE/Silicone/PTFE)

- High standard sealing, recommend for penetrating repeatedly.
- Autoclavable and coring with superior tolerance
- Used for before or after the injection of the sample storage
- Working temperature Varies from -40 ℃ ~260℃

PTFE/橡胶 (PTFE/Rubber)

- Economically using.
- No Reuse, one time using only.
- Don't use or storage to penetrate repeatedly for further analysis
- Working temperature Varies from -40 ℃ ~110℃