MASTELF Catalogue New



Making the Chromatography more efficient

For more details please contact our link from:www.mastelf.com Email: sales@mastelf.com Tel:+86 134 568 64585

Perfect Fit From Mastelf Technologies Solutions



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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

ND9 (9mm) Screw-Thread

- 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 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
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

ND9 (9mm) HPLC Vials, Integrated 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 9mm Neck, 12x32mm, Flat Base, PP Inserted Vials	100/pk
94 15 007	2ml Clear Screw 9mm Neck, 12x32mm, Flat Base, PP Vials	100/pk
94 15 008	2ml Amber Screw 9mm Neck, 12x32mm, Flat Base, PP Inserted Vials	100/pk
94 15 009	2ml Amber Screw 9mm Neck, 12x32mm, Flat Base, PP Vials	100/pk



ND9 (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	
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 1102	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
Screwed-up Set Ready to use Highly Recommended !		
9425 1105	2ml Clear 9mm Screw with PTFE Silicone Septa and Screw Cap	100/pk
9425 1106	2ml Clear 9mm Screw with Patch with PTFE Silicone Septa and Screw Cap	100/pk
9425 1107	2ml Amber 9mm Screw with PTFE Silicone Septa and Screw Cap	100/pk
9425 1108	2ml Amber 9mm Screw with Patch with PTFE Silicone Septa and Screw Cap	100/pk
9425 1109	2ml Clear 9mm Screw with PTFE Silicone Septa pre-slit and Screw Cap	100/pk
9425 1110	2ml Clear 9mm Screw with Patch with PTFE Silicone Septa pre-slit and Screw Cap	100/pk
9425 1111	2ml Amber 9mm Screw with PTFE Silicone Septa pre-slit and Screw Cap	100/pk
9425 1112	2ml Amber 9mm Screw with Patch with PTFE Silicone Septa pre-slit and Screw Cap	100/pk



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 numerous 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
- Tightly controlled crown for improved crimping
- Precision-formed neck for improved autosampler handling



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

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

The wide opening crimp cap provides a larger target area for improved autosampler needle accuracy.

- 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 ℃
- 11 mm Snap Design Vials, can economically reduce samples evaporation.
- Snap vials are economically superior alternatives to crimp or thread-type caps.



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

13-425 Screw Vial, Cap and Septa

- 4mLvials are compatible with 13-425 screw thread
- Choice of phenolic screw cap for high-temperature resistance, which is autoclavable.
- Have a combination 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



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 capsare 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

- 2ml 11 mm Opening, Snap Type
- 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 provide proper thickness which ensures even heat distribution for consistent sampling reliability
- Choice of crimp or screw-top vials
- Have a combination of Flat or rounded bottom
- Beveled top for a maximum secure seal
- Available in 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

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





REAGENT BOTTLE AND SAFETY CAP



1. We have size available from 25ml to 2000ml in amber and clear color.
2. Temperature resistant up to +140°C
3. Lab reagent storage bottle is also called media bottle, which is optimal for storing biological fluids, reagent, culture media and a multitude of other non-aqueous and aqueous solutions.
4. Available in GL25, GL32 and GL45 screw threads.
5. Stainless steel safety cap available.





Part No.	Size	Packing
REAGENT BOTTLE		
45112101	GL25 Bottle Clear 25ml, Flat Bottom	288/box
45112102	GL25 Bottle Amber 25ml, Flat Bottom	288/box
45112103	GL32 Bottle Clear 50ml, Flat Bottom	144/box
45112104	GL32 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 1 port, 1/8 inch O/D tubing, with O-ring (silicone)	1/pk
450202	GL45 Safety Cap with 2 port, 1/8 inch O/D tubing, with O-ring (silicone)	1/pk
450203	GL45 Safety Cap with 3 port, 1/8 inch O/D tubing, with O-ring (silicone)	1/pk
450204	GL45 Safety Cap with 4 port, 1/8 inch O/D tubing, with O-ring (silicone)	1/pk
GL 45 Stainless Steel Connector Cap		
450205	GL 45 Stainless Steel Connector Cap, with 1 port (Inner diameter 4mm), with O-ring (silicone)	1/pk
450206	GL 45 Stainless Steel Connector Cap, with 2 port (Inner diameter 4mm), with O-ring (silicone)	1/pk
450207	GL 45 Stainless Steel Connector Cap, with 3 port (Inner diameter 4mm), with O-ring (silicone)	1/pk
450208	GL 45 Stainless Steel Connector Cap, with 4 port (Inner diameter 4mm), with O-ring (silicone)	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)

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

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

Syringe Filter (Non-Sterile)

1. Mastelf Syringe filters, perfectly used to remove particles from a sample, prior to analysis by HPLC
2. Nylon, MCE, PTFE, PES, PVDF, CA, GF etc 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-PV21118S	PVDF Hydrophobic Syringe Filter, Porosity: 0.45 μm, Diameter:13 mm	100/pk
MS-PV21119S	PVDF Hydrophobic Syringe Filter, Porosity: 0.22 μm, Diameter:25 mm	100/pk
MS-PV21120S	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-PV21122S	PVDF Hydrophilic Syringe Filter, Porosity: 0.45 μm, Diameter:13 mm	100/pk
MS-PV21123S	PVDF Hydrophilic Syringe Filter, Porosity: 0.22 μm, Diameter:25 mm	100/pk
MS-PV21124S	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 -40ºC~260ºC

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 -40ºC~260ºC

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 -40ºC~260ºC

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 -40ºC~260ºC

Autosampler Compatibility Table

As indicated in the table, there are various models of Mastelf vials that are compatible with autosamplers. There are some autosamplers that require optional vial trays and, in some cases, programming upgrades to accommodate all the vials listed. The **X** mark indicates that vials from this category can be used with the autosampler in most configurations.

Manufacturer	Model	ND11 crimp and Snap	ND8 Screw Neck	ND9 Short Screw	ND10 Screw	Shell Vials	ND13 Screw	Headspace Round Bottom	Headspace Flat Bottom	ND24 VOA
Agilent	1050/1090	x		x						
	1100/1200	x		x						
	7673A/7683A	x		x						
	7693A	x	x	x			x			
	7695A									x
	CTC HTS+HTC PAL+CTC GC PAL	x		x						
	CTC Combi PAL							x		
	HS7694						x		x	
Shimadzu	SIL-2AS, SIL-6A, SIL-10A/SIL-10AF/SIL-10AP/SIL-10Ai/SIL-10AxL/Rack S 100 Pos.	x	x	x	x	x	x			
	AOC-14/1400, AOC-17, AOC-20/20i/20s 150 Pos. Tray	x	x	x	x		x			
	SIL-10ADvp	x	x	x	x	x	x			
	AOC-5000	x		x				x		
	ASI-V									x
	HSS-2B							x	x	
PerkinElmer	Series 200/85 Vial Tray/ISS-100/85 Vial Tray/ISS-200/ 85 Vial Tray/ISS-225/85 Vial Tray	x			x					
	TurboMatrix HS16/ HS40/HS40 XL/ HS40 Trap/HS110/HS110 Trap							x		
	LC 600, 60 Vial Tray	x			x					
Thermo Scientific	AS1000 (TRACE GC), AS200, AS2000 90 vial tray (TRACE GC)	x	x	x						
	Trace 1300 Series	x	x	x	x			x	x	
	HiPerTOC									x
	Accela High Speed LC Autosampler (200 Pos.)	x	x	x						
	Dionex UltiMate	x	x	x	x		x			
Varian	ProStar 400, Standard 96 Pos. Tray	x	x	x	x					
	ProStar 410, Standard 84 Pos. Tray	x	x	x	x			x		
	ProStar 420, Standard 96 Pos. Tray	x	x	x	x	x				
	Genesis								x	
	Archon									x
	ProStar 420, LSV 72 Pos. Tray						x			
Waters	Acquity Sample Organizer	x		x						
	Alliance	x		x	x					
	WISP 48 position					x	x			
	WISP 96 position					x				
	Model 2777	x	x	x	x					
	Alliance GPC 2000							x		