



Sample Preparation Products



RESTEK

www.bgb-info.com/restek

Rev. date: 08/22

Coated Blade Spray Blades

| Description | Material | qty. | cat.# |
|---------------------------|---|--------|-------|
| Coated Blade Spray Blades | CB-HLB (Hydrophilic-Lipophilic Balance) | 48-pk. | 23248 |



23248

2-in-1 Filter/O-Ring Insertion Tool Kit for ASE 100/150/200/300/350

| Description | Includes | Instrument | qty. | cat.# |
|---|--|-----------------------------|------|-------|
| 2-in-1 Filter/O-Ring Insertion Tool Kit | Filter Insertion Tool Handle and Attachments | for ASE 100/150/200/300/350 | kit | 26181 |



26181

20 mm Filters for ASE 200 Extraction Cells

| Description | Instrument | Material | qty. | Similar to Part # | cat.# |
|---------------|-------------|-------------|----------|----------------------|-------|
| 20 mm Filters | for ASE 200 | Cellulose | 100-pk. | Thermo/Dionex 049458 | 26118 |
| | for ASE 200 | Cellulose | 1000-pk. | Thermo/Dionex 049458 | 26190 |
| | for ASE 200 | Glass Fiber | 100-pk. | Thermo/Dionex 047017 | 26119 |



26119

250 mL Sample Collection Bottles for ASE 100/150/300/350 Systems

| Description | Color | Instrument | Material | Volume | qty. | Similar to Part # | cat.# |
|--------------------|-------|-------------------------|----------|--------|--------|----------------------|-------|
| Collection Bottles | Clear | for ASE 100/150/300/350 | Glass | 250 mL | 12-pk. | Thermo/Dionex 056284 | 26191 |
| | Amber | for ASE 100/150/300/350 | Glass | 250 mL | 12-pk. | Thermo/Dionex 056284 | 26260 |



30 mm Filters for ASE 100/150/300/350 (34 mL, 66 mL, and 100 mL only) Extraction Cells

| Description | Instrument | Material | qty. | Similar to Part # | cat.# |
|---------------|---|-------------|---------|----------------------|-------|
| 30 mm Filters | for ASE 100/150/300/350 (34 mL, 66 mL, and 100 mL only) | Cellulose | 100-pk. | Thermo/Dionex 056780 | 26168 |
| | for ASE 100/150/300/350 (34 mL, 66 mL, and 100 mL only) | Glass Fiber | 100-pk. | Thermo/Dionex 056781 | 26189 |



26168

Autoseal Tip Assembly for ASE 200/300 Systems

| Description | Instrument | Material | qty. | Similar to Part # | cat.# |
|-----------------------|-------------|-----------------|------|----------------------|-------|
| Autoseal Tip Assembly | for ASE 200 | Stainless Steel | ea. | Thermo/Dionex 048811 | 26162 |
| | for ASE 200 | Siltek-Treated | ea. | Thermo/Dionex 048811 | 26161 |
| | for ASE 300 | Stainless Steel | ea. | Thermo/Dionex 056641 | 26246 |
| | for ASE 300 | Siltek-Treated | ea. | Thermo/Dionex 056641 | 26247 |



Cell Cleaning Brushes for ASE 100/150/200/300/350 Cells

| Description | Instrument | qty. | cat.# |
|-----------------------|-----------------------------|-------|-------|
| Cell Cleaning Brushes | for ASE 100/150/200/300/350 | 3-pk. | 23999 |



23999

Cell Organizer for ASE Parts

| Description | Dimensions | qty. | cat.# |
|--|------------------------|------|-------|
| Cell Organizer for ASE Parts, blue 13-bin unit | 12" l x 12" h x 7.5" d | ea. | 23998 |



23998

Extraction Cell Bodies for ASE Systems

| Description | Instrument | Material | Volume | qty. | Similar to Part # | cat.# |
|----------------------|-----------------------------|-----------------|--------|------|----------------------|-------|
| Extraction Cell Body | for ASE 150/350 | Stainless Steel | 1 mL | ea. | Thermo/Dionex 068261 | 25993 |
| | for ASE 200 | Stainless Steel | 1 mL | ea. | Thermo/Dionex 054973 | 26110 |
| | for ASE 150/350 | Stainless Steel | 5 mL | ea. | Thermo/Dionex 068262 | 25994 |
| | for ASE 200 | Stainless Steel | 5 mL | ea. | Thermo/Dionex 054974 | 26112 |
| | for ASE 150/350 | Stainless Steel | 10 mL | ea. | Thermo/Dionex 068263 | 25995 |
| | for ASE 200 | Stainless Steel | 11 mL | ea. | Thermo/Dionex 048820 | 26114 |
| | for ASE 150/350 | Stainless Steel | 22 mL | ea. | Thermo/Dionex 068264 | 25996 |
| | for ASE 200 | Stainless Steel | 22 mL | ea. | Thermo/Dionex 048821 | 26098 |
| | for ASE 200 | Stainless Steel | 33 mL | ea. | Thermo/Dionex 048822 | 26116 |
| | for ASE 100/300 and 150/350 | Stainless Steel | 34 mL | ea. | Thermo/Dionex 056646 | 26176 |
| | for ASE 100/300 and 150/350 | Stainless Steel | 66 mL | ea. | Thermo/Dionex 056696 | 26178 |
| | for ASE 100/300 and 150/350 | Stainless Steel | 100 mL | ea. | Thermo/Dionex 056693 | 26132 |



**Extraction Cell Caps & Replacement Parts** for ASE Systems

| Description | Instrument | Material | qty. | Similar to Part # | cat.# |
|--------------------------------------|---|--------------------------------|---------|------------------------------|-----------------------|
| Replacement Extraction Cell End Caps | for ASE 150/350 | Stainless Steel | 2-pk. | Thermo/Dionex 068106, 068107 | 25997 |
| | for ASE 200 | Stainless Steel | 2-pk. | Thermo/Dionex 049450 | 26096 |
| | for ASE 100/300 | Stainless Steel | 2-pk. | Thermo/Dionex 056921 | 26170 |
| Threaded Cap Inserts | for ASE 200 | Stainless Steel | 2-pk. | | 26166 |
| | for ASE 300 | Stainless Steel | 2-pk. | | 26167 |
| Replacement Frits | for ASE 100/150/300/350 | Stainless Steel | 6-pk. | Thermo/Dionex 056775, 068260 | 26174 |
| | for ASE 200 | Stainless Steel | 10-pk. | Thermo/Dionex 049453 | 26100 |
| | for ASE 200 | Stainless Steel | 100-pk. | Thermo/Dionex 049453 | 25959 |
| Snap Rings | for ASE 100/150/300/350 | | 12-pk. | Thermo/Dionex 056778 | 26134 |
| | for ASE 200 | | 10-pk. | Thermo/Dionex 049456 | 26184 |
| Funnel | for ASE 100/150/300/350 (34 mL, 66 mL, and 100 mL cell bodies only) | | ea. | Thermo/Dionex 056699 | 26169 |
| | for ASE 200 | | ea. | Thermo/Dionex 056958 | 26180 |
| O-Rings | for ASE 100/150/200/300/350 | PTFE (polytetrafluoroethylene) | 100-pk. | Thermo/Dionex 049457 | 26187 |
| | for ASE 100/150/200/300/350 | Viton | 50-pk. | Thermo/Dionex 056325 | 26188 |

**Filter Insertion Attachments** for ASE 100/150/200/300/350

| Description | Instrument | qty. | cat.# |
|------------------------------|-----------------------------|-------------|-----------------------|
| Filter Insertion Attachments | for ASE 100/150/200/300/350 | 4-piece set | 26183 |



26183

Filter Insertion Tool Handle for ASE 100/150/200/300/350

| Description | Instrument | qty. | cat.# |
|------------------------------|-----------------------------|------|-----------------------|
| Filter Insertion Tool Handle | for ASE 100/150/200/300/350 | ea. | 26182 |



26182

PEEK Seals for ASE Systems

| Description | Instrument | qty. | Similar to Part # | cat.# |
|-------------|-------------------------|----------|--------------------------------------|-----------------------|
| PEEK Seals | for ASE 100/150/300/350 | 12-pk. | Thermo/Dionex 056776, 056777, 061687 | 25393 |
| | for ASE 100/150/300/350 | 48-pk. | Thermo/Dionex 056776, 056777, 061687 | 25394 |
| | for ASE 200 | 12-pk. | Thermo/Dionex 049454 | 25256 |
| | for ASE 200 | 48-pk. | Thermo/Dionex 049454 | 25257 |
| | for ASE 200 | 250-pk. | Thermo/Dionex 049454 | 26120 |
| | for ASE 200 | 1000-pk. | Thermo/Dionex 049454 | 26229 |



25393

Retaining Ring Pliers for ASE 100/150/200/300/350 Systems

| Description | Instrument | qty. | cat.# |
|-----------------------|-----------------------------|------|-----------------------|
| Retaining Ring Pliers | for ASE 100/150/200/300/350 | ea. | 26185 |



26185

Tubing Assembly for ASE 200/300 Systems

| Description | Instrument | qty. | Similar to Part # | cat.# |
|-----------------|-------------|------|----------------------|-----------------------|
| Tubing Assembly | for ASE 200 | ea. | Thermo/Dionex 049311 | 26251 |
| | for ASE 300 | ea. | Thermo/Dionex 057059 | 26248 |



26251

Valves for ASE 100/200/300 Systems

| Description | Instrument | qty. | Similar to Part # | cat.# |
|-----------------------|---------------------|------|----------------------|-----------------------|
| Pressure Relief Valve | for ASE 100/200/300 | ea. | Thermo/Dionex 048889 | 26159 |
| Static Valve | for ASE 100/200/300 | ea. | Thermo/Dionex 048778 | 26160 |

**Revive In-Line Sample Preparation (ILSP)**

| Description | qty. | cat.# |
|--|-------|-----------------------|
| Revive ILSP holder for 5 mm cartridge | ea. | 27880 |
| Revive ILSP Pesticides cartridge (5 x 2.1 mm) | ea. | 27881 |
| Revive ILSP holder and Revive ILSP Pesticides cartridge (5 x 2.1 mm) | kit | 27882 |
| Revive ILSP Pesticides cartridges (5 x 2.1 mm) | 3-pk. | 27883 |



27882



Accessories for Q-sep Multispeed and Q-sep 3000 Centrifuges

| Description | qty. | cat.# |
|---|-------|-------|
| 15 mL four-place tube holder, carbon-fiber material | 2-pk. | 28293 |
| 50 mL single-place tube holder, carbon-fiber material | 2-pk. | 28294 |
| 50 mL conical tube insert | 6-pk. | 26249 |
| 2 mL tube adaptors | 4-pk. | 26234 |



Empty Centrifuge Tubes, FEP

| Description | Material | qty. | cat.# |
|-----------------------------|---|-------|-------|
| Empty 50 mL Centrifuge Tube | FEP (fluorinated ethylene propylene) Tube w/ETFE (ethylene tetrafluoroethylene copolymer) Cap | 2-pk. | 23997 |



23997

Empty Centrifuge Tubes, Polypropylene

| Description | qty. | cat.# |
|--|---------|-------|
| Empty 50 mL Centrifuge Tube, Polypropylene w/Cap | 50-pk. | 25846 |
| | 500-pk. | 28290 |



25846

Q-sep Bottle Top Solvent Dispenser

| Description | qty. | cat.# |
|--|------|-------|
| Q-sep Bottle Top Solvent Dispenser, 2.5 mL–30 mL | ea. | 23990 |



23990

Q-sep Multispeed Centrifuge for QuEChERS

| Description | Includes | Certification/Compliance | qty. | cat.# |
|--|--|--|------|-------|
| Q-sep Multispeed Centrifuge for QuEChERS | 15 mL four-place tube holder (6); 50 mL single-place tube holder (6); 50 mL conical tube insert (6); 2 mL tube adaptors (24); U.S. power cord (1); global/universal power cord (1) | UL61010-1/CSA C22.2 No. 61010-1 and IEC61010-2-020; FDA listed; MET U.S. E112532; CE; RoHS | ea. | 28295 |



Q-sep QuEChERS dSPE Tubes for Extract Cleanup

| Description | Material | Method | Type | Volume | qty. | Similar to Part # | cat.# |
|--|---|--|--|--------|-----------|-------------------|-------|
| Foodstuffs with fats and waxes (e.g., cereals, avocado, nuts, seeds, and dairy) | | | | | | | |
| Q-sep QuEChERS dSPE Tubes | 150 mg MgSO ₄ , 25 mg PSA, 25 mg C18-EC | Mini-multiresidue | 2 mL Micro-Centrifuge Tubes Prefilled with dSPE Materials for Cleanup (1 mL Extract) | 2 mL | 100 tubes | Agilent 5982-5121 | 26216 |
| | 150 mg MgSO ₄ , 50 mg C18-EC | — | 2 mL Micro-Centrifuge Tubes Prefilled with dSPE Materials for Cleanup (1 mL Extract) | 2 mL | 100 tubes | | 26242 |
| | 150 mg MgSO ₄ , 50 mg PSA, 50 mg C18-EC | AOAC 2007.01 | 2 mL Micro-Centrifuge Tubes Prefilled with dSPE Materials for Cleanup (1 mL Extract) | 2 mL | 100 tubes | | 26125 |
| | 1200 mg MgSO ₄ , 400 mg PSA, 400 mg C18-EC | AOAC 2007.01 | 15 mL Centrifuge Tubes Prefilled with dSPE Materials for Cleanup (6 mL and 8 mL Extract) | 15 mL | 50 tubes | Agilent 5982-5158 | 26221 |
| | 1200 mg MgSO ₄ , 400 mg C18-EC | — | 15 mL Centrifuge Tubes Prefilled with dSPE Materials for Cleanup (6 mL and 8 mL Extract) | 15 mL | 50 tubes | | 26244 |
| | 900 mg MgSO ₄ , 150 mg PSA, 150 mg C18-EC | — | 15 mL Centrifuge Tubes Prefilled with dSPE Materials for Cleanup (6 mL and 8 mL Extract) | 15 mL | 50 tubes | | 26226 |
| General fruits and vegetables (e.g., celery, head lettuce, cucumber, melon) | | | | | | | |
| Q-sep QuEChERS dSPE Tubes | 150 mg MgSO ₄ , 50 mg PSA | AOAC 2007.01 | 2 mL Micro-Centrifuge Tubes Prefilled with dSPE Materials for Cleanup (1 mL Extract) | 2 mL | 100 tubes | | 26124 |
| | 150 mg MgSO ₄ , 25 mg PSA | Original unbuffered, EN 15662, mini-multiresidue | 2 mL Micro-Centrifuge Tubes Prefilled with dSPE Materials for Cleanup (1 mL Extract) | 2 mL | 100 tubes | Agilent 5982-5021 | 26215 |
| | 1200 mg MgSO ₄ , 400 mg PSA | AOAC 2007.01 | 15 mL Centrifuge Tubes Prefilled with dSPE Materials for Cleanup (6 mL and 8 mL Extract) | 15 mL | 50 tubes | | 26220 |
| | 900 mg MgSO ₄ , 150 mg PSA | Original unbuffered, EN 15662 | 15 mL Centrifuge Tubes Prefilled with dSPE Materials for Cleanup (6 mL and 8 mL Extract) | 15 mL | 50 tubes | Agilent 5982-5056 | 26223 |
| General purpose (wide variety of sample types, including fatty and pigmented fruits and vegetables) | | | | | | | |
| Q-sep QuEChERS dSPE Tubes | 150 mg MgSO ₄ , 50 mg PSA, 50 mg C18-EC, 7.5 mg GCB | — | 2 mL Micro-Centrifuge Tubes Prefilled with dSPE Materials for Cleanup (1 mL Extract) | 2 mL | 100 tubes | | 26243 |
| | 900 mg MgSO ₄ , 300 mg PSA, 300 mg C18-EC, 45 mg GCB | — | 15 mL Centrifuge Tubes Prefilled with dSPE Materials for Cleanup (6 mL and 8 mL Extract) | 15 mL | 50 tubes | | 26245 |



Continued



| Description | Material | Method | Type | Volume | qty. | Similar to Part # | cat.# |
|---|---|-----------------------------|--|--------|-----------|-------------------|-------|
| Highly pigmented fruits and vegetables (e.g., red peppers, spinach, blueberries) | | | | | | | |
| Q-sep QuEChERS dSPE Tubes | 150 mg MgSO ₄ , 25 mg PSA, 7.5 mg GCB | Mini-multiresidue, EN 15662 | 2 mL Micro-Centrifuge Tubes Prefilled with dSPE Materials for Cleanup (1 mL Extract) | 2 mL | 100 tubes | | 26218 |
| | 150 mg MgSO ₄ , 50 mg PSA, 50 mg C18-EC, 50 mg GCB | AOAC 2007.01 | 2 mL Micro-Centrifuge Tubes Prefilled with dSPE Materials for Cleanup (1 mL Extract) | 2 mL | 100 tubes | | 26219 |
| | 900 mg MgSO ₄ , 150 mg PSA, 45 mg GCB | EN 15662 | 15 mL Centrifuge Tubes Prefilled with dSPE Materials for Cleanup (6 mL and 8 mL Extract) | 15 mL | 50 tubes | | 26225 |
| | 900 mg MgSO ₄ , 300 mg PSA, 150 mg GCB | — | 15 mL Centrifuge Tubes Prefilled with dSPE Materials for Cleanup (6 mL and 8 mL Extract) | 15 mL | 50 tubes | | 26126 |
| Pigmented fruits and vegetables (e.g., strawberries, sweet potatoes, and tomatoes) | | | | | | | |
| Q-sep QuEChERS dSPE Tubes | 150 mg MgSO ₄ , 25 mg PSA, 2.5 mg GCB | Mini-multiresidue, EN 15662 | 2 mL Micro-Centrifuge Tubes Prefilled with dSPE Materials for Cleanup (1 mL Extract) | 2 mL | 100 tubes | | 26217 |
| | 150 mg MgSO ₄ , 50 mg PSA, 50 mg GCB | AOAC 2007.01 | 2 mL Micro-Centrifuge Tubes Prefilled with dSPE Materials for Cleanup (1 mL Extract) | 2 mL | 100 tubes | | 26123 |
| | 1200 mg MgSO ₄ , 400 mg PSA, 400 mg C18-EC, 400 mg GCB | AOAC 2007.01 | 15 mL Centrifuge Tubes Prefilled with dSPE Materials for Cleanup (6 mL and 8 mL Extract) | 15 mL | 50 tubes | | 26222 |
| | 900 mg MgSO ₄ , 150 mg PSA, 15 mg GCB | EN 15662 | 15 mL Centrifuge Tubes Prefilled with dSPE Materials for Cleanup (6 mL and 8 mL Extract) | 15 mL | 50 tubes | | 26224 |

Note: No entry in the Method column refers to dSPE formulations not specifically included in one of the cited references. These products can be used to accommodate the various needs of specific matrices not directly met by the cited references.

Q-sep QuEChERS Extraction Salts

| Description | Material | Method | qty. | cat.# |
|---|--|---------------------|-----------------------|-------|
| Q-sep QuEChERS Extraction Kit | 4 g MgSO ₄ , 1 g NaCl with 50 mL Centrifuge Tube | Original unbuffered | 50 packets & 50 tubes | 25848 |
| Q-sep QuEChERS Extraction Salt Packets Only | 4 g MgSO ₄ , 1 g NaCl | Original unbuffered | 50 packets | 25847 |
| Q-sep QuEChERS Extraction Kit | 4 g MgSO ₄ , 1 g NaCl, 1 g TSCD, 0.5 g DHS with 50 mL Centrifuge Tube | European EN 15662 | 50 packets & 50 tubes | 25850 |
| Q-sep QuEChERS Extraction Salt Packets Only | 4 g MgSO ₄ , 1 g NaCl, 1 g TSCD, 0.5 g DHS | European EN 15662 | 50 packets | 25849 |
| Q-sep QuEChERS Extraction Kit | 6 g MgSO ₄ , 1.5 g NaOAc with 50 mL Centrifuge Tube | AOAC 2007.01 | 50 packets & 50 tubes | 25852 |
| Q-sep QuEChERS Extraction Salt Packets Only | 6 g MgSO ₄ , 1.5 g NaOAc | AOAC 2007.01 | 50 packets | 25851 |

DHS – disodium hydrogen citrate sesquihydrate; MgSO₄ – magnesium sulfate; NaCl – sodium chloride; NaOAc – sodium acetate; TSCD – trisodium citrate dihydrate



Q-sep Tube Racks

| Description | Material | Size | qty. | cat.# |
|---|----------------------|-----------|------|-------|
| Q-sep Tube Rack for 2 mL Centrifuge Tube | Polypropylene, White | Holds 100 | ea. | 23995 |
| Q-sep Tube Rack for 15 mL Centrifuge Tube | Polypropylene, White | Holds 60 | ea. | 23993 |
| Q-sep Tube Rack for 50 mL Centrifuge Tube | Polypropylene, White | Holds 24 | ea. | 23994 |



Accessories for Filter Vials

| Description | qty. | cat.# |
|---|------|-------|
| Toggle Press for eXtreme Filter Vials | ea. | 25860 |
| Filter Vial Press, Multi-Use: 8 Positions for 30 mL Filter Vials & 48 Position for Autosampler Ready Filter Vials | ea. | 25861 |



Syringe Filters with Luer Lock Inlet

| Description | Color | Diameter | Porosity | qty. | cat.# |
|----------------|--------------------------|----------|----------|---------|-------|
| Syringe Filter | Cellulose Acetate | | | | |
| | Green | 4 mm | 0.22 µm | 100-pk. | 23972 |
| | Blue | 4 mm | 0.45 µm | 100-pk. | 23973 |
| | Red | 13 mm | 0.22 µm | 100-pk. | 26156 |
| | Red | 13 mm | 0.45 µm | 100-pk. | 26155 |
| | Red | 25 mm | 0.22 µm | 100-pk. | 26158 |
| | Red | 25 mm | 0.45 µm | 100-pk. | 26157 |
| | Red | 30 mm | 0.22 µm | 100-pk. | 23982 |
| Red | 30 mm | 0.45 µm | 100-pk. | 23983 | |



Continued



| Description | Color | Diameter | Porosity | qty. | cat.# |
|---|--------|----------|----------|---------|-------|
| Nylon | | | | | |
| | Yellow | 4 mm | 0.22 µm | 100-pk. | 23970 |
| | Pink | 4 mm | 0.45 µm | 100-pk. | 23971 |
| Syringe Filter | Pink | 13 mm | 0.22 µm | 100-pk. | 26146 |
| | Pink | 13 mm | 0.45 µm | 100-pk. | 26147 |
| | Pink | 25 mm | 0.22 µm | 100-pk. | 26148 |
| | Pink | 25 mm | 0.45 µm | 100-pk. | 26149 |
| | Pink | 30 mm | 0.22 µm | 100-pk. | 23980 |
| | Pink | 30 mm | 0.45 µm | 100-pk. | 23981 |
| PES (polyethersulfone) | | | | | |
| Syringe Filter | White | 4 mm | 0.22 µm | 100-pk. | 23978 |
| | Blue | 4 mm | 0.45 µm | 100-pk. | 23979 |
| | Green | 13 mm | 0.22 µm | 100-pk. | 23966 |
| | Green | 13 mm | 0.45 µm | 100-pk. | 23967 |
| | Green | 25 mm | 0.22 µm | 100-pk. | 23968 |
| | Green | 25 mm | 0.45 µm | 100-pk. | 23969 |
| | Green | 30 mm | 0.22 µm | 100-pk. | 23988 |
| | Green | 30 mm | 0.45 µm | 100-pk. | 23989 |
| PP (polypropylene) | | | | | |
| Syringe Filter | Blue | 25 mm | 0.22 µm | 100-pk. | 28935 |
| | Black | 25 mm | 0.45 µm | 100-pk. | 28936 |
| PTFE (polytetrafluoroethylene) | | | | | |
| Syringe Filter | Purple | 4 mm | 0.22 µm | 100-pk. | 23974 |
| | Orange | 4 mm | 0.45 µm | 100-pk. | 23975 |
| | White | 13 mm | 0.22 µm | 100-pk. | 26142 |
| | White | 13 mm | 0.45 µm | 100-pk. | 26143 |
| | White | 25 mm | 0.22 µm | 100-pk. | 26144 |
| | White | 25 mm | 0.45 µm | 100-pk. | 26145 |
| | White | 30 mm | 0.22 µm | 100-pk. | 23984 |
| | White | 30 mm | 0.45 µm | 100-pk. | 23985 |
| PVDF (polyvinylidene difluoride) | | | | | |
| Syringe Filter | Brown | 4 mm | 0.22 µm | 100-pk. | 23976 |
| | Red | 4 mm | 0.45 µm | 100-pk. | 23977 |
| | Blue | 13 mm | 0.22 µm | 100-pk. | 26150 |
| | Blue | 13 mm | 0.45 µm | 100-pk. | 26151 |
| | Blue | 25 mm | 0.22 µm | 100-pk. | 26152 |
| | Blue | 25 mm | 0.45 µm | 100-pk. | 26153 |
| | Blue | 30 mm | 0.22 µm | 100-pk. | 23986 |
| | Blue | 30 mm | 0.45 µm | 100-pk. | 23987 |

Cellulose Acetate, Nylon, PES, PVDF—hydrophilic applications

PP (polypropylene), PTFE—hydrophobic applications

Syringe filters are for laboratory use only.

Thomson SINGLE StEP eXtreme Filter Vials

| Description | Color | Porosity | qty. | cat.# |
|--|--------------------|----------|---------|-------|
| Nylon | | | | |
| Thomson SINGLE StEP eXtreme Filter Vials | black preslit cap | 0.2 µm | 100-pk. | 25878 |
| | pink preslit cap | 0.45 µm | 100-pk. | 25879 |
| PES (polyethersulfone) | | | | |
| Thomson SINGLE StEP eXtreme Filter Vials | grey preslit cap | 0.2 µm | 100-pk. | 25880 |
| PTFE (polytetrafluoroethylene) | | | | |
| Thomson SINGLE StEP eXtreme Filter Vials | green preslit cap | 0.2 µm | 100-pk. | 25874 |
| | blue preslit cap | 0.45 µm | 100-pk. | 25875 |
| PVDF (polyvinylidene difluoride) | | | | |
| Thomson SINGLE StEP eXtreme Filter Vials | red preslit cap | 0.2 µm | 100-pk. | 25876 |
| | yellow preslit cap | 0.45 µm | 100-pk. | 25877 |





Thomson SINGLE StEP Low-Evaporation Filter Vials

| Description | Color | Porosity | qty. | cat.# |
|--|------------|----------|---------|-------|
| Nylon | | | | |
| Thomson SINGLE StEP Low-Evaporation Filter Vials | black cap | 0.2 µm | 100-pk. | 25870 |
| | purple cap | 0.45 µm | 100-pk. | 25871 |
| PTFE (polytetrafluoroethylene) | | | | |
| Thomson SINGLE StEP Low-Evaporation Filter Vials | green cap | 0.2 µm | 100-pk. | 25868 |
| | blue cap | 0.45 µm | 100-pk. | 25872 |
| PVDF (polyvinylidene difluoride) | | | | |
| Thomson SINGLE StEP Low-Evaporation Filter Vials | red cap | 0.2 µm | 100-pk. | 25869 |
| | yellow cap | 0.45 µm | 100-pk. | 25873 |



Thomson SINGLE StEP Nano Filter Vials

| Description | Color | Porosity | qty. | cat.# |
|---|---------------------|----------|---------|-------|
| Nylon | | | | |
| Thomson SINGLE StEP Nano Filter Vials | black standard cap | 0.2 µm | 100-pk. | 25866 |
| | black preslit cap | 0.2 µm | 100-pk. | 25886 |
| PES (polyethersulfone) | | | | |
| Thomson SINGLE StEP Nano Filter Vials | grey standard cap | 0.2 µm | 100-pk. | 25867 |
| | grey preslit cap | 0.2 µm | 100-pk. | 25887 |
| PTFE (polytetrafluoroethylene) | | | | |
| Thomson SINGLE StEP Nano Filter Vials | green standard cap | 0.2 µm | 100-pk. | 25862 |
| | green preslit cap | 0.2 µm | 100-pk. | 25882 |
| | blue standard cap | 0.45 µm | 100-pk. | 25863 |
| | blue preslit cap | 0.45 µm | 100-pk. | 25883 |
| PVDF (polyvinylidene difluoride) | | | | |
| Thomson SINGLE StEP Nano Filter Vials | red standard cap | 0.2 µm | 100-pk. | 25864 |
| | red preslit cap | 0.2 µm | 100-pk. | 25884 |
| | yellow standard cap | 0.45 µm | 100-pk. | 25865 |
| | yellow preslit cap | 0.45 µm | 100-pk. | 25885 |



Thomson SINGLE StEP Standard Filter Vials

| Description | Color | Porosity | qty. | cat.# |
|--|--------------------|----------|---------|-------|
| Nylon | | | | |
| Thomson SINGLE StEP Standard Filter Vial | black preslit cap | 0.2 µm | 100-pk. | 25891 |
| | pink preslit cap | 0.45 µm | 100-pk. | 25892 |
| PES (polyethersulfone) | | | | |
| Thomson SINGLE StEP Standard Filter Vial | grey preslit cap | 0.2 µm | 100-pk. | 25897 |
| PTFE (polytetrafluoroethylene) | | | | |
| Thomson SINGLE StEP Standard Filter Vial | green preslit cap | 0.2 µm | 100-pk. | 25893 |
| | blue preslit cap | 0.45 µm | 100-pk. | 25894 |
| PVDF (polyvinylidene difluoride) | | | | |
| Thomson SINGLE StEP Standard Filter Vial | red preslit cap | 0.2 µm | 100-pk. | 25895 |
| | yellow preslit cap | 0.45 µm | 100-pk. | 25896 |



Patent No. 7,790,117

CarboPrep Reversing SPE Cartridges

| Description | Volume | qty. | cat.# |
|-----------------------------------|--------|--------|-------|
| CarboPrep 200 Reversing Cartridge | 500 mg | 30-pk. | 26206 |



Diatomaceous Earth (Bulk Adsorbent)

| Description | qty. | Similar to Part # | cat.# |
|-------------------------------|------|----------------------|-------|
| Diatomaceous Earth, 6/60 mesh | 1 kg | Thermo/Dionex 062819 | 26033 |

26206



26033

Florisil PR (Bulk Adsorbent)

| Description | qty. | Similar to Part # | cat.# |
|--------------------------|-------|-------------------|-------|
| Florisil PR, 60/100 mesh | 500 g | Agilent 5982-4382 | 26135 |



26135



Method Specific SPE Cartridges

| Description | Method | Packing | Volume | qty. | cat.# |
|-------------------------------|---|--|--------------|--------|-------|
| Method Specific SPE Cartridge | EPA Method 521: Nitrosamines in Drinking Water and EPA Method 522 for 1,4-Dioxane in Drinking Water. | Activated charcoal packing. | 6 mL, 2 g | 30-pk. | 26032 |
| | EPA Method 548.1: Extraction of endotoxin from aqueous samples. | Weak anion exchange resin (Bio-Rex 5) packing. | 6 mL | 30-pk. | 26063 |
| | Ultra Quat SPE: For use in HPLC analysis of paraquat/diquat, as an alternative to EPA 549.2. | | 6 mL, 500 mg | 30-pk. | 25499 |
| | Organotin: High-capacity cleanup of butyl and phenyl tin compounds from soil, water, and biota. | Mixed bed. | 60 mL | 16-pk. | 24049 |
| | RDX: Extraction of explosive compounds (similar to EPA Method 8095 and 8330 list) from water samples. | | 6 mL, 500 mg | 30-pk. | 26093 |



Ottawa Sand (Bulk Adsorbent)

| Description | qty. | cat.# |
|-------------------------|------|-------|
| Ottawa Sand, 20/30 mesh | 5 kg | 26137 |



26137

Pesticide Residue Cleanup SPE Cartridges

| Description | Packing | qty. | cat.# |
|--------------------------|--|--------|-------|
| 6 mL Combo SPE Cartridge | 500 mg CarboPrep 90/500 mg Aminopropyl, Polyethylene Frits | 30-pk. | 26193 |
| | 250 mg CarboPrep 90/500 mg PSA, Polyethylene Frits | 30-pk. | 26488 |
| | 500 mg CarboPrep 90/500 mg PSA, Polyethylene Frits | 30-pk. | 26194 |
| | 200 mg CarboPrep 200 and 400 mg PSA, PTFE Frits | 30-pk. | 26127 |
| | 250 mg CarboPrep 200 and 500 mg PSA, PTFE Frits | 30-pk. | 26128 |
| | 500 mg CarboPrep 200 and 500 mg PSA, PTFE Frits | 30-pk. | 26129 |



PSA—primary and secondary amine

Replacement Parts for Original Resprep SPE Vacuum Manifolds (cat.# 26077 & 26080)

| Description | Size | qty. | cat.# |
|--|---------------|--------|-------|
| Replacement Waste Container | 12-Port | ea. | 24014 |
| Replacement Vacuum Valve and Gauge Assembly | | ea. | 24008 |
| Glass Vacuum Chamber w/gauge & valve for Resprep manifolds | 6 or 12-Port | ea. | 25991 |
| | 12-Port | ea. | 26079 |
| Collection Rack | 24-Port | ea. | 26082 |
| | 12-Port | ea. | 26078 |
| Replacement Manifold Lid (sample guides not included) | 24-Port | ea. | 26081 |
| | 12-Port | ea. | 26078 |
| Valves | 12 or 24-Port | 2-pk. | 26083 |
| PTFE Sample Guide Needles | 12 or 24-Port | 12-pk. | 26084 |
| Gasket | 12-Port | 2-pk. | 24011 |



26079

Replacement Parts for Resprep Quick-Replace SPE Vacuum Manifolds

| Description | Size | qty. | cat.# |
|---|---------------------|---------|----------|
| Cover with flow control valves & gasket for Resprep QR-12 | for QR-12 | ea. | 28316-VM |
| Gasket for Resprep QR-12 | for QR-12 | 2-pk. | 28317-VM |
| Collection rack for Resprep QR-12 | for QR-12 | ea. | 28318-VM |
| Plate for 16 mm test tubes for Resprep QR-12 | for QR-12 | ea. | 28319-VM |
| Plate for 2 mL autosampler vials for Resprep QR-12 | for QR-12 | ea. | 28320-VM |
| Cover with flow control valves & gasket for Resprep QR-24 | for QR-24 | ea. | 28323-VM |
| Gasket for Resprep QR-24 | for QR-24 | 2-pk. | 28324-VM |
| Collection rack for Resprep QR-24 | for QR-24 | ea. | 28325-VM |
| Plate for 16 mm test tubes for Resprep QR-24 | for QR-24 | ea. | 28326-VM |
| Plate for 2 mL autosampler vials for Resprep QR-24 | for QR-24 | ea. | 28327-VM |
| Valve stem for Resprep Quick-Replace vacuum manifolds | for QR-12 and QR-24 | 24-pk. | 28308-VM |
| Quick-replace disposable liners (PTFE) for Resprep Quick-Replace vacuum manifolds | for QR-12 and QR-24 | 100-pk. | 28310-VM |
| Quick-replace flow control valves for Resprep Quick-Replace vacuum manifolds | for QR-12 and QR-24 | 2-pk. | 28311-VM |
| Liner guides (stainless steel) for Resprep Quick-Replace vacuum manifolds | for QR-12 and QR-24 | 12-pk. | 28312-VM |
| Vacuum gauge and bleed valve for Resprep Quick-Replace vacuum manifolds | for QR-12 and QR-24 | ea. | 28313-VM |
| Retaining clips for collection racks for Resprep Quick-Replace vacuum manifolds | for QR-12 and QR-24 | 12-pk. | 28314-VM |
| Test tubes (10 x 75 mm) for Resprep Quick-Replace vacuum manifolds | for QR-12 and QR-24 | 12-pk. | 28315-VM |





Replacement Parts for Resprep VM-96 Vacuum Manifold

| Description | qty. | cat.# |
|---------------------------------|------|-------|
| Valve block assembly | ea. | 25857 |
| Replacement gasket & O-ring kit | kit | 25856 |



Resprep Alumina SPE Cartridges

| Description | Packing | Volume | qty. | cat.# |
|--------------------------------|-----------|---------------|--------|-------|
| Resprep Alumina SPE Cartridges | Alumina A | 3 mL, 500 mg | 50-pk. | 28940 |
| | Alumina B | 6 mL, 1000 mg | 30-pk. | 28942 |
| | Alumina N | 3 mL, 500 mg | 50-pk. | 28943 |
| | Alumina N | 6 mL, 1000 mg | 30-pk. | 28944 |



Resprep Amino (NH₂) SPE Cartridges

| Description | Packing | Volume | qty. | cat.# |
|---|--------------------------|---------------|--------|-------|
| Resprep Amino (NH ₂) SPE Cartridges | Amino (NH ₂) | 6 mL, 500 mg | 30-pk. | 28948 |
| | Amino (NH ₂) | 6 mL, 1000 mg | 30-pk. | 28949 |



Resprep C18 SPE Cartridges

| Description | Material | Packing | Volume | Note | qty. | cat.# |
|----------------------------|---|--------------------------------|---------------|-------------------------------------|---------|-------|
| Resprep C18 SPE Cartridges | Polypropylene tubes with polyethylene frits | C18 (trifunctional, high-load) | 1 mL, 100 mg | | 100-pk. | 26030 |
| | Polypropylene tubes with polyethylene frits | C18 (monofunctional, mid-load) | 3 mL, 200 mg | | 50-pk. | 28959 |
| | Polypropylene tubes with polyethylene frits | C18 (monofunctional, mid-load) | 3 mL, 500 mg | | 50-pk. | 28960 |
| | Polypropylene tubes with polyethylene frits | C18 (monofunctional, mid-load) | 6 mL, 500 mg | | 30-pk. | 28961 |
| | Polypropylene tubes with polyethylene frits | C18 (monofunctional, mid-load) | 6 mL, 1000 mg | Not recommended for EPA Method 525. | 30-pk. | 28963 |
| | Polypropylene tubes with polyethylene frits | C18 (monofunctional, mid-load) | 20 mL, 5 g | | 20-pk. | 26034 |
| | Polypropylene tubes with polyethylene frits | C18 (monofunctional, mid-load) | 60 mL, 10 g | | 16-pk. | 28964 |
| | Polypropylene tubes with polyethylene frits | C18 (trifunctional, high-load) | 6 mL, 1000 mg | Recommended for EPA Method 525. | 30-pk. | 24051 |



Resprep C8 SPE Cartridges

| Description | Packing | Volume | qty. | cat.# |
|---------------------------|---------|--------------|--------|-------|
| Resprep C8 SPE Cartridges | C8 | 6 mL, 500 mg | 30-pk. | 28968 |



Resprep CarboPrep Plus SPE Cartridges

| Description | Packing | Volume | qty. | cat.# |
|---------------------------------------|----------------|-------------|--------|-------|
| Resprep CarboPrep Plus SPE Cartridges | CarboPrep Plus | 3 mL, 95 mg | 30-pk. | 25845 |



Resprep CarboPrep SPE Cartridges

| Description | Packing | Volume | qty. | cat.# |
|-----------------------|---------------|--------------|--------|-------|
| Resprep SPE Cartridge | CarboPrep 200 | 3 mL, 250 mg | 50-pk. | 26088 |
| | CarboPrep 200 | 6 mL, 500 mg | 30-pk. | 26087 |
| | CarboPrep 90 | 3 mL, 250 mg | 50-pk. | 26091 |
| | CarboPrep 90 | 6 mL, 500 mg | 30-pk. | 26092 |

25845



26087

Resprep Closed End SPE Cartridge: Activated Sodium Sulfate

| Description | Material | Packing | Volume | qty. | cat.# |
|----------------------------------|---|----------------|--------|--------|-------|
| Resprep Closed End SPE Cartridge | Polypropylene tubes with polyethylene frits | Sodium Sulfate | 2.85 g | 50-pk. | 28989 |





Resprep Diol SPE Cartridges

| Description | Packing | Volume | qty. | cat.# |
|-----------------------------|---------|---------------|--------|-----------------------|
| Resprep Diol SPE Cartridges | Diol | 6 mL, 500 mg | 30-pk. | 28987 |
| | Diol | 6 mL, 1000 mg | 30-pk. | 28988 |



Resprep EPH Fractionation SPE Cartridge

| Description | Method | Packing | Volume | qty. | cat.# |
|---|---|-----------------|------------|--------|-----------------------|
| Resprep EPH Fractionation SPE Cartridge | EPH Fractionation: Complete separation of aliphatic and aromatic hydrocarbons into distinct extract fractions. Guaranteed background level under MA and NJ EPH method limits. | Silica packing. | 15 mL, 5 g | 15-pk. | 23240 |
| | EPH Fractionation: Complete separation of aliphatic and aromatic hydrocarbons into distinct extract fractions. Guaranteed background level under MA and NJ EPH method limits. | Silica packing. | 6 mL, 2 g | 30-pk. | 25999 |



Resprep Florisil SPE Cartridges

| Description | Material | Packing | Volume | qty. | cat.# |
|---------------------------------|---|----------|----------------|--------|-----------------------|
| Resprep Florisil SPE Cartridges | Polypropylene tubes with polyethylene frits | Florisil | 3 mL, 500 mg | 50-pk. | 28990 |
| | Polypropylene tubes with polyethylene frits | Florisil | 6 mL, 500 mg | 30-pk. | 28992 |
| | Polypropylene tubes with polyethylene frits | Florisil | 6 mL, 1000 mg | 30-pk. | 28993 |
| | Polypropylene tubes with polyethylene frits | Florisil | 15 mL, 2000 mg | 15-pk. | 28995 |



Resprep Oil & Grease SPE Disks

| Description | qty. | cat.# |
|--------------------------------|--------|-----------------------|
| Resprep Oil & Grease SPE Disks | 20-pk. | 26022 |



Resprep PLR SPE Products

| Description | qty. | cat.# |
|---|---------|-----------------------|
| Resprep PLR SPE Cartridge, 25 mg/1 mL cartridge | 100-pk. | 28300 |
| Resprep PLR SPE 96-Well Plate, 25 mg/2 mL each well | ea. | 28301 |



Resprep Polymeric SPE Cartridges and 96-Well Plates

| Description | Packing | Particle Size | Recommended Analytes | Volume | qty. | cat.# |
|-------------------------------------|---------|---------------|---|--------------|---------|-----------------------|
| Resprep Polymeric SPE 96-Well Plate | HLB | 30 µm | General-purpose for acids, bases, or neutrals; high capacity for polar compounds. | 10 mg | ea. | 28453 |
| | HLB | 30 µm | General-purpose for acids, bases, or neutrals; high capacity for polar compounds. | 30 mg | ea. | 28454 |
| Resprep Polymeric SPE Cartridge | HLB | 30 µm | General-purpose for acids, bases, or neutrals; high capacity for polar compounds. | 1 mL, 30 mg | 100-pk. | 28449 |
| | HLB | 60 µm | General-purpose for acids, bases, or neutrals; high capacity for polar compounds. | 3 mL, 60 mg | 50-pk. | 28450 |
| | HLB | 60 µm | General-purpose for acids, bases, or neutrals; high capacity for polar compounds. | 6 mL, 200 mg | 30-pk. | 28451 |
| | HLB | 60 µm | General-purpose for acids, bases, or neutrals; high capacity for polar compounds. | 6 mL, 500 mg | 30-pk. | 28452 |
| Resprep Polymeric SPE 96-Well Plate | MAX | 30 µm | Acids | 10 mg | ea. | 28459 |
| | MAX | 30 µm | Acids | 30 mg | ea. | 28460 |
| Resprep Polymeric SPE Cartridge | MAX | 30 µm | Acids | 1 mL, 30 mg | 100-pk. | 28455 |
| | MAX | 60 µm | Acids | 3 mL, 60 mg | 50-pk. | 28456 |
| | MAX | 60 µm | Acids | 6 mL, 150 mg | 30-pk. | 28457 |
| | MAX | 60 µm | Acids | 6 mL, 500 mg | 30-pk. | 28458 |
| Resprep Polymeric SPE 96-Well Plate | MCX | 30 µm | Bases | 10 mg | ea. | 28465 |
| | MCX | 30 µm | Bases | 30 mg | ea. | 28466 |
| Resprep Polymeric SPE Cartridge | MCX | 30 µm | Bases | 1 mL, 30 mg | 100-pk. | 28461 |
| | MCX | 60 µm | Bases | 3 mL, 60 mg | 50-pk. | 28462 |
| | MCX | 60 µm | Bases | 6 mL, 150 mg | 30-pk. | 28463 |
| | MCX | 60 µm | Bases | 6 mL, 500 mg | 30-pk. | 28464 |
| Resprep Polymeric SPE 96-Well Plate | WAX | 30 µm | Strong acids | 10 mg | ea. | 28471 |
| | WAX | 30 µm | Strong acids | 30 mg | ea. | 28472 |



Continued



| Description | Packing | Particle Size | Recommended Analytes | Volume | qty. | cat.# |
|-------------------------------------|---------|---------------|----------------------|--------------|---------|-----------------------|
| Resprep Polymeric SPE Cartridge | WAX | 30 µm | Strong acids | 1 mL, 30 mg | 100-pk. | 28467 |
| | WAX | 60 µm | Strong acids | 3 mL, 60 mg | 50-pk. | 28468 |
| | WAX | 60 µm | Strong acids | 6 mL, 150 mg | 30-pk. | 28469 |
| | WAX | 30 µm | Strong acids | 6 mL, 200 mg | 30-pk. | 28292 |
| | WAX | 30 µm | Strong acids | 6 mL, 500 mg | 30-pk. | 28291 |
| | WAX | 60 µm | Strong acids | 6 mL, 500 mg | 30-pk. | 28470 |
| Resprep Polymeric SPE 96-Well Plate | WCX | 30 µm | Strong bases | 10 mg | ea. | 28477 |
| | WCX | 30 µm | Strong bases | 30 mg | ea. | 28478 |
| | WCX | 30 µm | Strong bases | 1 mL, 30 mg | 100-pk. | 28473 |
| Resprep Polymeric SPE Cartridge | WCX | 60 µm | Strong bases | 3 mL, 60 mg | 50-pk. | 28474 |
| | WCX | 60 µm | Strong bases | 6 mL, 200 mg | 30-pk. | 28475 |
| | WCX | 60 µm | Strong bases | 6 mL, 500 mg | 30-pk. | 28476 |

HLB – Hydrophilic-Lipophilic Balance
 MAX – Mixed-Mode, Strong Anion Exchange
 MCX – Mixed-Mode, Strong Cation Exchange
 WAX – Mixed-Mode, Weak Anion Exchange
 WCX – Mixed-Mode, Weak Cation Exchange

Resprep PSA SPE Cartridges

| Description | Packing | Volume | qty. | cat.# |
|----------------------------|---------|--------------|--------|-----------------------|
| Resprep PSA SPE Cartridges | PSA | 6 mL, 500 mg | 30-pk. | 28970 |



Resprep Quick-Replace SPE Vacuum Manifolds (12- or 24-Port)

| Description | Includes | Size | qty. | cat.# |
|---|--|---------|------|--------------------------|
| Resprep QR-12 Quick-Replace vacuum manifold | Cover with flow control valves & gasket (cat.# 28316-VM); Collection Rack (cat.# 28318-VM); Plate for 16 mm test tubes (cat.# 28319-VM); 100-pk. Quick Replace liners, PTFE (cat.# 28310-VM); 12-pk. Liner guide (cat.# 28312-VM); 12-pk. Test tubes (cat.# 28315-VM) | 12-port | kit | 28298-VM |
| Resprep QR-24 Quick-Replace vacuum manifold | Cover with flow control valves & gasket (cat.# 28323-VM); Collection Rack (cat.# 28325-VM); Plate for 16 mm test tubes (cat.# 28326-VM); 100-pk. Quick Replace liners, PTFE (cat.# 28310-VM); 2, 12-pk. Liner guides (cat.# 28312-VM); 2, 12-pk. Test tubes (cat.# 28315-VM) | 24-port | kit | 28299-VM |



Note: Extra plates to accommodate for 2 mL autosampler vials (28320-VM and 28327-VM) and 20 mL scintillation vials (28321-VM for QR-24 only) can be purchased if needed.

Resprep Resin SPE Disks

| Description | qty. | cat.# |
|-------------------------|--------|-----------------------|
| Resprep Resin SPE Disks | 20-pk. | 26023 |



26023

Resprep S-DVB SPE Cartridge

| Description | Packing | Volume | qty. | cat.# |
|---------------|--|--------|--------|-----------------------|
| Resprep S-DVB | 500 mg spherical styrene-divinylbenzene (SDVB) copolymer | 6 mL | 30-pk. | 28937 |



Resprep Sample Delivery System

| Description | qty. | cat.# |
|--------------------------------|-------|-----------------------|
| Resprep Sample Delivery System | 6-pk. | 26250 |



26250

Resprep SAX (Silica Based) SPE Cartridges

| Description | Packing | Volume | qty. | cat.# |
|---|--------------------|---------------|--------|-----------------------|
| Resprep SAX (Silica Based) SPE Cartridges | SAX (Silica Based) | 6 mL, 500 mg | 30-pk. | 28973 |
| | SAX (Silica Based) | 6 mL, 1000 mg | 30-pk. | 28974 |



Resprep Silica SPE Cartridges

| Description | Material | Packing | Volume | qty. | cat.# |
|-------------------------------|---|---------|---------------|--------|-----------------------|
| Resprep Silica SPE Cartridges | Polypropylene tubes with polyethylene frits | Silica | 3 mL, 500 mg | 50-pk. | 28978 |
| | Polypropylene tubes with polyethylene frits | Silica | 6 mL, 1000 mg | 30-pk. | 28980 |





Resprep SLE Cartridges and 96-Well Plates

| Description | qty. | cat.# |
|---|--------|-------|
| Resprep SLE cartridges, 200 mg/3 mL cartridge | 50-pk. | 28302 |
| Resprep SLE cartridges, 400 mg/3 mL cartridge | 50-pk. | 28303 |
| Resprep SLE 96-well plates, 200 mg/2 mL each well | 1-pk. | 28304 |
| Resprep SLE 96-well plates, 400 mg/2 mL each well | 1-pk. | 28305 |



Resprep SPE Tube Parts & Accessories

| Description | Material | Porosity | Volume | qty. | Similar to Part # | cat.# |
|----------------------|---------------|----------|---|---------|-------------------|-------|
| Empty Tubes | polypropylene | | 1 mL | 50-pk. | | 26010 |
| | polypropylene | | 3 mL | 50-pk. | | 26011 |
| | polypropylene | | 6 mL | 50-pk. | | 26012 |
| | polypropylene | | 15 mL | 50-pk. | | 26013 |
| | polypropylene | | sample reservoir, 25 mL | 12-pk. | | 26014 |
| | polypropylene | | sample reservoir, 75 mL | 12-pk. | | 26015 |
| Frits | polyethylene | 20 µm | 1 mL, 6 mm | 100-pk. | | 26016 |
| | polyethylene | 20 µm | 3 mL, 9 mm | 100-pk. | Agilent 12131020 | 26017 |
| | polyethylene | 20 µm | 6 mL, 1.2 cm | 100-pk. | | 26018 |
| | polyethylene | 20 µm | 15 mL, 1.6 cm | 100-pk. | | 26019 |
| | polyethylene | 20 µm | 25 mL, 2.0 cm (For 20 mL packed tubes.) | 100-pk. | | 26020 |
| Tube Caps | polyethylene | | 1 mL | 12-pk. | | 26001 |
| | polyethylene | | 3 mL | 12-pk. | | 26002 |
| | polyethylene | | 6 mL | 12-pk. | | 26003 |
| | polyethylene | | 15 mL | 12-pk. | | 26004 |
| Female Luer End Caps | polyethylene | | 25 mL (For 20 mL packed tubes.) | 12-pk. | | 26005 |
| | polypropylene | | universal | 12-pk. | | 26000 |
| Connectors | polypropylene | | 1, 3, 6, 10, or 15 mL | 15-pk. | Agilent 12131001 | 26007 |
| | polypropylene | | 12, 25 mL | 12-pk. | | 26008 |
| | polypropylene | | 60 mL | 12-pk. | | 26009 |



Resprep VM-96 Vacuum Manifold for 96-Well Plates

| Description | qty. | cat.# |
|-------------------------------|------|-------|
| Resprep VM-96 vacuum manifold | ea. | 25858 |



25858

Resprep WCX (Silica Based) SPE Cartridges

| Description | Packing | Volume | qty. | cat.# |
|---|--------------------|---------------|--------|-------|
| Resprep WCX (Silica Based) SPE Cartridges | WCX (Silica Based) | 6 mL, 1000 mg | 30-pk. | 28985 |



Resprep-C18 and Resprep-C8 SPE Disks

| Description | Diameter | Packing | qty. | cat.# |
|-------------------|----------|-------------|--------|-------|
| Resprep SPE Disks | 47 mm | Resprep-C8 | 24-pk. | 24048 |
| | 47 mm | Resprep-C18 | 20-pk. | 24004 |
| | 90 mm | Resprep-C18 | 12-pk. | 25988 |



24048

Sodium Sulfate (Bulk Adsorbent)

| Description | qty. | cat.# |
|----------------|------|-------|
| Sodium Sulfate | 5 kg | 26204 |



26204

Accessories for SPME Arrows

| Description | Instrument | qty. | cat.# |
|-------------------------|---|------|-------|
| Injector adaptor cup | for Agilent GC 6890/7890 Split/Splitless Injector | ea. | 27496 |
| | for Shimadzu GC 2010 Split/Splitless Injector | ea. | 27497 |
| | for Thermo GC TRACE 1300/1310, 1600/1610 Split/Splitless Injector | ea. | 27498 |
| Injection port weldment | for Thermo GC TRACE Ultra Split/Splitless Injector | ea. | 27499 |
| | for Shimadzu GC 2010 Split/Splitless Injector | ea. | 27500 |



Continued



| Description | Instrument | qty. | cat.# |
|---|---|------|-------|
| Needle guide/septum nut | for Shimadzu GC 2010 Split/Splitless Injector | ea. | 27501 |
| Split/splitless weldment; large, canister-type filter | for Agilent GC 6890 Split/Splitless Injector | ea. | 27502 |
| Septum nut for split/splitless weldments | for Agilent GC 6890/7890 Split/Splitless Injector | ea. | 27503 |
| Split/splitless weldment and septum nut | for Agilent GC 7890 Split/Splitless Injector | ea. | 27504 |
| Split/splitless weldment; modified for SPME Arrow | for Agilent 8890 Split/Splitless Injector | ea. | 28933 |
| Septum cap | for Thermo GC TRACE 1300/1310, 1600/1610 Split/Splitless Injector | ea. | 27505 |
| Liner cap/septum holder | for Thermo GC TRACE 1300/1310, 1600/1610 Split/Splitless Injector | ea. | 27506 |
| Septum holder and support | for Thermo GC TRACE Ultra Split/Splitless Injector | ea. | 27507 |
| Liner cap | for Thermo GC TRACE Ultra Split/Splitless Injector | ea. | 27508 |

Restek PAL SPME Arrow

| Description | Color | Diameter | Includes | Material | Recommended Analytes | qty. | cat.# |
|-----------------------------------|------------|--------------------|---|------------------------------------|---|-------|-------|
| SPME Arrow | Red | 1.1 mm | | 100 µm Polydimethylsiloxane (PDMS) | Volatile, 60–275 g/mol* | ea. | 27485 |
| | Red | 1.5 mm wide sleeve | | 100 µm Polydimethylsiloxane (PDMS) | Volatile, 60–275 g/mol* | ea. | 27877 |
| | Black | 1.5 mm | | 250 µm Polydimethylsiloxane (PDMS) | Volatile, 60–275 g/mol (high capacity)* | ea. | 27484 |
| | Gray | 1.1 mm | | 100 µm Polyacrylate | Polar, semivolatile, 80–300 g/mol* | ea. | 27488 |
| | Light Blue | 1.1 mm | | 120 µm Carbon Wide Range (WR)/PDMS | Highly volatile, 30–225 g/mol* | ea. | 27487 |
| | Light Blue | 1.5 mm wide sleeve | | 120 µm Carbon Wide Range (WR)/PDMS | Highly volatile, 30–225 g/mol* | ea. | 27879 |
| | Violet | 1.1 mm | | 120 µm Divinylbenzene (DVB)/PDMS | Amines and polar compounds, 60–300 g/mol* | ea. | 27486 |
| | Violet | 1.5 mm wide sleeve | | 120 µm Divinylbenzene (DVB)/PDMS | Aromatic semivolatile, 60–300 g/mol* | ea. | 27878 |
| | Dark Gray | 1.1 mm | | 120 µm DVB/Carbon WR/PDMS | Volatile and semivolatile, 40–275 g/mol* | ea. | 27875 |
| | Dark Gray | 1.5 mm wide sleeve | | 120 µm DVB/Carbon WR/PDMS | Volatile and semivolatile, 40–275 g/mol* | ea. | 27876 |
| SPME Arrow Method Development Kit | | | one SPME arrow each: 1.1 mm PDMS 100 µm, 1.5 mm PDMS 250 µm, 1.1 mm PA 100 µm, 1.1 mm Carbon WR/PDMS 120 µm, 1.1 mm DVB/PDMS 120 µm | | Set of 5 | 27489 | |



27489

*These molecular weight ranges are a reasonable approximation; however, end users should verify suitability for their specific application.

Restek PAL SPME Arrow GC-Specific Conversion Kits

| Description | Includes | Instrument | qty. | cat.# |
|---|--|---|------|-------|
| Restek PAL SPME Arrow Conversion Kit | Topaz 1.8 mm ID straight/SPME inlet liner, 5-pk. (cat.# 23280); Thermolite Plus septa, 3-pk. (cat.# 23864); Split/splitless weldment; large, canister-type filter (cat.# 27502); Septum nut for 6890 split/splitless weldments (cat.# 27503); Injector adaptor cup (cat.# 27496) | for Agilent 6890 Split/Splitless Injector (for canister-type filters) | kit | 27492 |
| Restek PAL SPME Arrow Conversion Kit with 1.1 mm Merlin Microseal | Topaz 1.8 mm ID Straight/SPME inlet liner, 5-pk. (cat.# 23280); 1.1 mm Microseal (cat.# 23232); Split/Splitless Weldment; Large Canister Type Filter (cat.# 27502); Adaptor Cup (cat.# 27496); Nut (cat.# 23228) | for Agilent 6890 Split/Splitless Injector (for canister-type filters) | kit | 27356 |
| Restek PAL SPME Arrow Conversion Kit with 1.5 mm Merlin Microseal | Topaz 1.8 mm ID Straight/SPME inlet liner, 5-pk. (cat.# 23280); 1.5 mm Microseal (cat.# 23233); Split/Splitless Weldment and Large Canister Type Filter (cat.# 27502); Adaptor Cup (cat.# 27496); Nut (cat.# 23228) | for Agilent 6890 Split/Splitless Injector (for canister-type filters) | kit | 27361 |
| Restek PAL SPME Arrow Conversion Kit | Topaz 1.8 mm ID straight/SPME inlet liner, 5-pk. (cat.# 23280); Thermolite Plus septa, 3-pk. (cat.# 23864); Agilent split/splitless weldment and septum nut (cat.# 27504); Injector adaptor cup (cat.# 27496) | for Agilent 7890 Split/Splitless Injector | kit | 27493 |
| Restek PAL SPME Arrow Conversion Kit with 1.1 mm Merlin Microseal | Topaz 1.8 mm ID Straight/SPME inlet liner, 5-pk. (cat.# 23280); 1.1 mm Microseal (cat.# 23232); Agilent Weldment (cat.# 27504); Adaptor Cup (cat.# 27496); Nut (cat.# 23228) | for Agilent 7890 Split/Splitless Injector | kit | 27357 |
| Restek PAL SPME Arrow Conversion Kit with 1.5 mm Merlin Microseal | Topaz 1.8 mm ID Straight/SPME inlet liner, 5-pk. (cat.# 23280); 1.5 mm Microseal (cat.# 23233); Agilent Weldment (cat.# 27504); Adaptor Cup (cat.# 27496); Nut (cat.# 23228) | for Agilent 7890 Split/Splitless Injector | kit | 27362 |
| Restek PAL SPME Arrow Conversion Kit with 1.1 mm Merlin Microseal | Topaz 1.8 mm ID Straight/SPME inlet liner, 5-pk. (cat.# 23280); 1.1 mm Microseal (cat.# 23232); Agilent Weldment (cat.# 28933); Adaptor Cup (cat.# 27496); Nut (cat.# 23228) | for Agilent 8890 Split/Splitless Injector | kit | 28934 |
| Restek PAL SPME Arrow Conversion Kit | Topaz 1.8 mm ID straight/SPME inlet liner, 5-pk. (cat.# 23279); Thermolite Plus septa, 3-pk. (cat.# 23872); Injection port weldment (cat.# 27500); Needle guide/septum nut (cat.# 27501); Injector adaptor cup (cat.# 27497) | for Shimadzu GC-2010 Split/Splitless Injector (not compatible with SE or Plus models) | kit | 27491 |
| Restek PAL SPME Arrow Conversion Kit with 1.1 mm Merlin Microseal | Topaz 1.8 mm ID Straight/SPME inlet liner, 5-pk. (cat.# 23279); 1.1 mm Microseal (cat.# 23232); Port Weldment (cat.# 27500); Adaptor Cup (cat.# 27497); Adaptor Kit (cat.# 23229) | for Shimadzu GC-2010 Split/Splitless Injector (not compatible with SE or Plus models) | kit | 27355 |
| Restek PAL SPME Arrow Conversion Kit with 1.5 mm Merlin Microseal | Topaz 1.8 mm ID Straight/SPME inlet liner, 5-pk. (cat.# 23279); 1.5 mm Microseal (cat.# 23233); Port Weldment (cat.# 27500); Adaptor Cup (cat.# 27497); Adaptor Kit (cat.# 23229) | for Shimadzu GC-2010 Split/Splitless Injector (not compatible with SE or Plus models) | kit | 27360 |



Continued



| Description | Includes | Instrument | qty. | cat.# |
|---|--|--|------|-------|
| Restek PAL SPME Arrow Conversion Kit | Topaz 1.8 mm ID straight/SPME inlet liner, 5-pk. (cat.# 23278); Premium nonstick BTO septa, 3-pk. (cat.# 27090); Septum cap (cat.# 27505); Liner cap/septum holder (cat.# 27506); Injector adaptor cup (cat.# 27498) | for Thermo TRACE 1300/1310, 1600/1610 Split/Splitless Injector | kit | 27494 |
| Restek PAL SPME Arrow Conversion Kit with 1.1 mm Merlin Microseal | Topaz 1.8 mm ID Straight/SPME inlet liner, 5-pk. (cat.# 23278); 1.1 mm Microseal (cat.# 23232); Liner Cap/Septum Holder (cat.# 27506); Adaptor Cup (cat.# 27498); Nut (cat.# 23230) | for Thermo TRACE 1300/1310, 1600/1610 Split/Splitless Injector | kit | 27358 |
| Restek PAL SPME Arrow Conversion Kit with 1.5 mm Merlin Microseal | Topaz 1.8 mm ID Straight/SPME inlet liner, 5-pk. (cat.# 23278); 1.5 mm Microseal (cat.# 23233); Liner Cap/Septum Holder (cat.# 27506); Adaptor Cup (cat.# 27498); Adaptor Kit (cat.# 23230) | for Thermo TRACE 1300/1310, 1600/1610 Split/Splitless Injector | kit | 27363 |
| Restek PAL SPME Arrow Conversion Kit | 2.0 mm ID straight inlet liner, 5-pk. (cat.# 22267); Premium nonstick BTO septa, 3-pk. (cat.# 27096); Septum holder and support (cat.# 27507); Liner cap (cat.# 27508); Injector adaptor cup (cat.# 27499) | for Thermo TRACE Ultra Split/Splitless Injector | kit | 27495 |
| Restek PAL SPME Arrow Conversion Kit with 1.1 mm Merlin Microseal | 2.0 mm ID straight inlet liner, 5-pk. (cat.# 22267); 1.1 mm Microseal (cat.# 23232); Liner Cap (cat.# 27508); Adaptor Cup (cat.# 27499); Adaptor Kit (cat.# 23231) | for Thermo TRACE Ultra Split/Splitless Injector | kit | 27359 |
| Restek PAL SPME Arrow Conversion Kit with 1.5 mm Merlin Microseal | 2.0 mm ID straight inlet liner, 5-pk. (cat.# 22267); 1.5 mm Microseal (cat.# 23233); Liner Cap (cat.# 27508); Adaptor Cup (cat.# 27499); Adaptor Kit (cat.# 23231) | for Thermo TRACE Ultra Split/Splitless Injector | kit | 27364 |

Restek PAL SPME Fibers

| Description | Color | Includes | Material | Max Temp | Recommended Operating Temp | qty. | Similar to Part # | cat.# |
|-----------------------------------|-----------|---|--|------------|----------------------------|--|--|---------|
| SPME Fiber | Green | | 7 µm Polydimethylsiloxane (PDMS) Fiber, Nonpolar | 340 °C | 200–340 °C | ea. | Supelco/Millipore Sigma Hub Color—Green | 27482.1 |
| | Green | | 7 µm Polydimethylsiloxane (PDMS) Fiber, Nonpolar | 340 °C | 200–340 °C | 3-pk. | Supelco/Millipore Sigma Hub Color—Green | 27482.3 |
| | Green | | 7 µm Polydimethylsiloxane (PDMS) Fiber, Nonpolar | 340 °C | 200–340 °C | 5-pk. | Supelco/Millipore Sigma Hub Color—Green | 27482.5 |
| | Golden | | 30 µm Polydimethylsiloxane (PDMS) Fiber, Nonpolar | 280 °C | 200–280 °C | ea. | Supelco/Millipore Sigma Hub Color—Yellow | 27481.1 |
| | Golden | | 30 µm Polydimethylsiloxane (PDMS) Fiber, Nonpolar | 280 °C | 200–280 °C | 3-pk. | Supelco/Millipore Sigma Hub Color—Yellow | 27481.3 |
| | Golden | | 30 µm Polydimethylsiloxane (PDMS) Fiber, Nonpolar | 280 °C | 200–280 °C | 5-pk. | Supelco/Millipore Sigma Hub Color—Yellow | 27481.5 |
| | Red | | 100 µm Polydimethylsiloxane (PDMS) Fiber, Nonpolar | 280 °C | 200–280 °C | ea. | Supelco/Millipore Sigma Hub Color—Red | 27480.1 |
| | Red | | 100 µm Polydimethylsiloxane (PDMS) Fiber, Nonpolar | 280 °C | 200–280 °C | 3-pk. | Supelco/Millipore Sigma Hub Color—Red | 27480.3 |
| | Red | | 100 µm Polydimethylsiloxane (PDMS) Fiber, Nonpolar | 280 °C | 200–280 °C | 5-pk. | Supelco/Millipore Sigma Hub Color—Red | 27480.5 |
| | Gray | | 85 µm Polyacrylate (PA) Fiber, Polar | 280 °C | 200–280 °C | ea. | Supelco/Millipore Sigma Hub Color—White | 27478.1 |
| | Gray | | 85 µm Polyacrylate (PA) Fiber, Polar | 280 °C | 200–280 °C | 3-pk. | Supelco/Millipore Sigma Hub Color—White | 27478.3 |
| | Gray | | 85 µm Polyacrylate (PA) Fiber, Polar | 280 °C | 200–280 °C | 5-pk. | Supelco/Millipore Sigma Hub Color—White | 27478.5 |
| | Dark Blue | | 95 µm Carbon Wide Range (WR)/PDMS Fiber | 300 °C | 220–300 °C | ea. | Supelco/Millipore Sigma Hub Color—Black | 27479.1 |
| | Dark Blue | | 95 µm Carbon Wide Range (WR)/PDMS Fiber | 300 °C | 220–300 °C | 3-pk. | Supelco/Millipore Sigma Hub Color—Black | 27479.3 |
| | Dark Blue | | 95 µm Carbon Wide Range (WR)/PDMS Fiber | 300 °C | 220–300 °C | 5-pk. | Supelco/Millipore Sigma Hub Color—Black | 27479.5 |
| | Violet | | 65 µm Divinylbenzene (DVB)/PDMS Fiber | 300 °C | 220–300 °C | ea. | Supelco/Millipore Sigma Hub Color—Blue | 27874.1 |
| | Violet | | 65 µm Divinylbenzene (DVB)/PDMS Fiber | 300 °C | 220–300 °C | 3-pk. | Supelco/Millipore Sigma Hub Color—Blue | 27874.3 |
| | Violet | | 65 µm Divinylbenzene (DVB)/PDMS Fiber | 300 °C | 220–300 °C | 5-pk. | Supelco/Millipore Sigma Hub Color—Blue | 27874.5 |
| | Dark Gray | | 80 µm (50 DVB / 30 Carbon WR)/PDMS Fiber | 300 °C | 220–300 °C | ea. | Supelco/Millipore Sigma Hub Color—Gray | 27873.1 |
| | Dark Gray | | 80 µm (50 DVB / 30 Carbon WR)/PDMS Fiber | 300 °C | 220–300 °C | 3-pk. | Supelco/Millipore Sigma Hub Color—Gray | 27873.3 |
| Dark Gray | | 80 µm (50 DVB / 30 Carbon WR)/PDMS Fiber | 300 °C | 220–300 °C | 5-pk. | Supelco/Millipore Sigma Hub Color—Gray | 27873.5 | |
| Method Development SPME Fiber Kit | | one SPME fiber each: PDMS 7 µm, PDMS 30 µm, PDMS 100 µm, PA 85 µm, Carbon WR/PDMS 95 µm | | | | Set of 5 | | 27483 |



27483



Restek PAL SPME Manual Injection Kit

| Description | Includes | qty. | Similar to Part # | cat.# |
|--------------------------------------|---|------|---------------------------------|-------|
| Restek PAL SPME Manual Injection Kit | SPME manual holder, SPME manual extraction guide, SPME manual injection guide | kit | Supelco/Millipore Sigma 57330-U | 27490 |



A-2 Luer Lock Gas-Tight Syringes*

| Volume | qty. | cat.# |
|--------|------|-------|
| 100 µL | ea. | 22257 |
| 500 µL | ea. | 22258 |

*Restek's A-2 syringes have a luer lock tip.



Hamilton Autosampler Syringe for Agilent 7670, 7671 and 7672

| Volume | Needle Term. | Needle Gauge | Needle Length | Point Style | Vendor Model # | Vendor cat.# | qty. | cat.# |
|--------|--------------|--------------|---------------|-------------|----------------|--------------|------|-------|
| 10 µL | RN | 26s | 2" | 2 | 701RN-HP | 80338 | ea. | 24968 |



Hamilton Autosampler Syringes for Thermo Scientific GCs

| Volume | Needle Term. | Needle Gauge | Needle Length | Point Style | Vendor Model # | Vendor cat.# | qty. | cat.# |
|--------|--------------|--------------|---------------|-------------|----------------|--------------|------|-------|
| 10 µL | N | 25s | 2" | 2 | 701SN | 80320 | ea. | 24961 |
| | N | 26s | 3.15" | AS | 701SN | 80318 | ea. | 24962 |



Hamilton Autosampler Syringes for PerkinElmer Autosystem and Clarus 500 GCs

| Volume | Needle Term. | Needle Gauge | Needle Length | Point Style | Vendor Model # | Vendor cat.# | qty. | cat.# |
|--------|--------------|--------------|---------------|-------------|----------------|--------------|------|-------|
| 5 µL | ASN | 23 | 2.756" | 3 | 75ASN/PE | 88035 | ea. | 24953 |
| | ASN | 26 | 2.756" | 3 | 75ASN/PE | 88040 | ea. | 24952 |



Hamilton Autosampler Syringes for Bruker/Varian 8000 Series GCs

| Volume | Needle Term. | Needle Gauge | Needle Length | Point Style | Vendor Model # | Vendor cat.# | qty. | cat.# |
|--------|--------------|--------------|---------------|-------------|----------------|--------------|------|-------|
| 10 µL | RN | 26s | 1.99" | 5 | 701 Varian | 202880 | ea. | 24956 |



Hamilton Autosampler Syringes for CTC GCs

| Volume | Needle Term. | Needle Gauge | Needle Length | Point Style | Modification | Vendor Model # | Vendor cat.# | qty. | cat.# |
|--------|--------------|--------------|---------------|-------------|--------------------|-----------------|--------------|-------|-------|
| 1.2 µL | N | 26 | 2"/51 mm | AS | | 7701.2N | 203185 | ea. | 22755 |
| 5 µL | N | 26s | 2"/51 mm | AS | | 75N | 203189 | ea. | 22756 |
| | N | 23s | 2"/51 mm | AS | | 701N | 203361 | ea. | 22757 |
| 10 µL | N | 23s-26s | 2"/51 mm | AS | | 701N | 203362 | ea. | 22758 |
| | N | 23s | 2"/51 mm | 2 | | 701N | 203363 | ea. | 22759 |
| | N | 26s | 2"/51 mm | 2 | | 701N Slim Line | 203072 | ea. | 22760 |
| | N | 26s | 2"/51 mm | AS | | 701N | 203205 | ea. | 22761 |
| 25 µL | N | 26s | 2"/51 mm | 2 | | 701N | 202999-4071 | 6-pk. | 22762 |
| | N | 26s | 2"/51 mm | AS | Barrel OD = 7.9 mm | 1702N | 203043 | ea. | 22763 |
| | N | 26s | 2"/51 mm | AS | Barrel OD = 6.7 mm | 1702N Slim Line | 203074 | ea. | 22764 |



Due to collar design, Hamilton syringes may not work with older generation LEAP autosamplers.

Hamilton Economical Microliter Liquid-Type Syringes for Rheodyne & Valco Valves

| Volume | Needle Term. | Needle Gauge | Needle Length | Point Style | Vendor Model # | Vendor cat.# | qty. | cat.# |
|--------|--------------|--------------|---------------|-------------|----------------|--------------|------|-------|
| 10 µL | N | 22s | 2" | 3 | 701 | 80365 | ea. | 21250 |
| 25 µL | N | 22s | 2" | 3 | 702 | 80465 | ea. | 21251 |
| 50 µL | N | 22s | 2" | 3 | 705 | 80565 | ea. | 21252 |
| 100 µL | N | 22s | 2" | 3 | 710 | 80665 | ea. | 21253 |
| 250 µL | N | 22s | 2" | 3 | 725 | 80765 | ea. | 21254 |





Hamilton Economical Syringe Guide for Hamilton Syringes

| Used with | Vendor cat.# | qty. | cat.# |
|--|--------------|------|-----------------------|
| 0.5–5 µL (series 7000) and 25–500 µL (series 700 and 1700/1000) syringes | 14906 | ea. | 24615 |
| 5–10 µL (series 700 and 1700/1000) syringes | 14806 | ea. | 24616 |



Hamilton Gas-Tight PTFE-Tipped Syringes for Agilent 7673, 7683, 7693A, and 6850 Autosamplers

| Volume | Needle Term. | Needle Gauge | Needle Length | Point Style | Vendor Model # | Vendor cat.# | qty. | Similar to Part # | cat.# |
|--------|--------------|--------------|---------------|-------------|----------------|--------------|------|-------------------|-----------------------|
| 10 µL | ASN | 23s | 1.71" | Agilent | 1701 | 80080 | ea. | Agilent 5181-8809 | 24894 |
| | ASRN | 23s | 1.71" | Agilent | 1701 | 80087 | ea. | Agilent 5181-8813 | 21224 |
| | ASRN | 26s | 1.71" | Agilent | 1701 | 80088 | ea. | | 21228 |
| | ASRN | 23s–26s | 1.71" | Agilent | 1701 | 80089 | ea. | | 21229 |



Hamilton Gas-Tight Syringe Replacement Needles for Luer Lock Syringes

| Needle Gauge | Needle Length | Point Style | Hub Material | Used with | Vendor cat.# | qty. | cat.# |
|--------------|---------------|-------------|------------------|---------------------------------|--------------|-------|-----------------------|
| 26s | 2"/51 mm | 2 | metal | | 90053 | 6-pk. | 20133 |
| 25s | 1.97" | 3 | metal | For Waters U6K injection valve. | 90049 | 6-pk. | 24605 |
| 22s | 2"/51 mm | 2 | metal | | 90051 | 6-pk. | 24606 |
| 26s | 2"/51 mm | 2 | Kel-F (PTFE tip) | | 90153 | 6-pk. | 24607 |
| 25s | 1.97" | 3 | Kel-F (PTFE tip) | For Waters U6K injection valve. | 90149 | 6-pk. | 24608 |
| 22s | 2"/51 mm | 2 | Kel-F (PTFE tip) | | 90151 | 6-pk. | 24609 |



Hamilton Gas-Tight Syringes for Rheodyne & Valco Valves

| Volume | Needle Term. | Needle Gauge | Needle Length | Point Style | Vendor Model # | Vendor cat.# | qty. | cat.# |
|--------|--------------|--------------|---------------|-------------|----------------|--------------|------|-----------------------|
| 10 µL | RN | 26s | 2"/51 mm | 3 | 1701 | 80065 | ea. | 21260 |
| 25 µL | RN | 22s | 2"/51 mm | 3 | 1702 | 80265 | ea. | 21261 |
| 50 µL | RN | 22s | 2"/51 mm | 3 | 1705 | 80965 | ea. | 21262 |
| 100 µL | RN | 22s | 2"/51 mm | 3 | 1710 | 81065 | ea. | 21263 |
| 250 µL | RN | 22s | 2"/51 mm | 3 | 1725 | 81165 | ea. | 21264 |



Hamilton High Dynamic (HD) Headspace Syringes for CTC CombipAL Autosamplers

| Volume | Needle Term. | Needle Gauge | Needle Length | Point Style | Vendor Model # | Vendor cat.# | qty. | cat.# |
|--------|--------------|--------------|---------------|-------------|----------------|--------------|------|-----------------------|
| 1.0 mL | N | 23 | 2"/51 mm | 5 | 1001 | 203082 | ea. | 26552 |
| 2.5 mL | N | 23 | 2"/51 mm | 5 | 1002 | 203084 | ea. | 26553 |
| 5.0 mL | N | 23 | 2"/51 mm | 5 | 1005 | 203086 | ea. | 26554 |
| 1.0 mL | N | 26 | 2"/51 mm | 5 | 1001 | 203141 | ea. | 26555 |
| 2.5 mL | N | 26 | 2"/51 mm | 5 | 1002 | 203181 | ea. | 26556 |
| 5.0 mL | N | 26 | 2"/51 mm | 5 | 1005 | 203182 | ea. | 26557 |



Hamilton Manual Microliter Syringes

| Volume | Needle Term. | Needle Gauge | Needle Length | Point Style | Vendor Model # | Vendor cat.# | qty. | cat.# |
|--------|--------------|--------------|---------------|-------------|----------------|--------------|-------|-----------------------|
| 5 µL | N | 26s | 2"/51 mm | 2 | 75N | 87900 | ea. | 24938 |
| | RN | 26s | 2"/51 mm | 2 | 75RN | 87930 | ea. | 24617 |
| 10 µL | N | 26s | 2"/51 mm | 2 | 701N | 80300 | ea. | 20174 |
| | N | 26s | 2"/51 mm | 2 | 701N | 80366 | 6-pk. | 20175 |
| 25 µL | RN | 26s | 2"/51 mm | 2 | 701RN | 80330 | ea. | 24530 |
| | N | 22s | 2"/51 mm | 2 | 702N | 80400 | ea. | 24531 |
| 10 µL | N | 26s | 2"/51 mm | 5 | 701NPT5 | 80339 | ea. | 24967 |
| 25 µL | RN | 22s | 2"/51 mm | 2 | 702RN | 80430 | ea. | 24532 |
| 50 µL | N | 22s | 2"/51 mm | 2 | 705N | 80500 | ea. | 24533 |
| | RN | 22s | 2"/51 mm | 2 | 705RN | 80530 | ea. | 24534 |
| 100 µL | N | 22s | 2"/51 mm | 2 | 710N | 80600 | ea. | 24535 |
| | RN | 22s | 2"/51 mm | 2 | 710RN | 80630 | ea. | 24536 |
| 250 µL | N | 22s | 2"/51 mm | 2 | 725N | 80700 | ea. | 24537 |
| | RN | 22s | 2"/51 mm | 2 | 725RN | 80730 | ea. | 24538 |
| 500 µL | N | 22 | 2"/51 mm | 2 | 750N | 80800 | ea. | 24539 |
| | RN | 22 | 2"/51 mm | 2 | 750RN | 80830 | ea. | 24540 |



Replacement RN/R needles available.



Hamilton Micro-Volume, Positive Displacement Syringes

| Volume | Needle Term. | Needle Gauge | Needle Length | Point Style | Vendor Model # | Vendor cat.# | qty. | cat.# |
|--------|--------------|--------------|---------------|-------------|----------------|--------------|------|-------|
| 0.5 µL | KH | 25 | 2.75"/70 mm | 2 | 7000.5 | 86259 | ea. | 24545 |
| | KH | 25 | 2.75"/70 mm | 3 | 7000.5 | 86250 | ea. | 24546 |
| 1.0 µL | KH | 22s | 2.75"/70 mm | 2 | 7101 | 86211 | ea. | 24549 |
| | KH | 25s | 2.75"/70 mm | 2 | 7001 | 80135 | ea. | 24547 |
| 5.0 µL | KH | 25s | 2.75"/70 mm | 3 | 7001 | 80100 | ea. | 24548 |
| | KH | 24 | 2.75"/70 mm | 2 | 7105 | 88011 | ea. | 24555 |
| 2.0 µL | KH | 24 | 2.75"/70 mm | 3 | 7105 | 88000 | ea. | 24556 |
| 2.0 µL | KH | 25 | 2.75"/70 mm | 2 | 7002 | 88411 | ea. | 24551 |



24546

Hamilton Priming Syringe for Waters 6000, 6000A, 501, 510, 590, 610, and 610E HPLC Pumps

| Volume | Needle Term. | Vendor Model # | Vendor cat.# | qty. | cat.# |
|--------|--------------|----------------|--------------|------|-------|
| 10 mL | TLL | 1010W | 81610 | ea. | 21265 |



21265

Hamilton PTFE Tip, Gas-Tight Syringe Replacement Needles for Removable Needle Syringes

| Volume | Needle Gauge | Needle Length | Point Style | Vendor cat.# | qty. | cat.# |
|--------------|--------------|---------------|-------------|--------------|-------|-------|
| 5–100 µL | 26s | 2" | 2 | 7758-02 | 6-pk. | 24939 |
| | 22s | 2" | 2 | 7758-03 | 6-pk. | 24940 |
| | 22 | 2" | 2 | 7779-01 | 6-pk. | 24942 |
| 250 µL–10 mL | 26s | 2" | 2 | 7779-02 | 6-pk. | 24943 |
| | 22s | 2" | 2 | 7779-03 | 6-pk. | 24944 |



24939

Hamilton PTFE Tip, Gas-Tight Syringes

| Volume | Needle Term. | Needle Gauge | Needle Length | Point Style | Vendor Model # | Vendor cat.# | qty. | cat.# |
|--------|--------------|--------------|---------------|-------------|----------------|--------------|------|-------|
| 10 µL | N | 26s | 2"/51 mm | 2 | 1701 | 80000 | ea. | 24557 |
| | RN | 26s | 2"/51 mm | 2 | 1701 | 80030 | ea. | 24558 |
| 25 µL | N | 22s | 2"/51 mm | 2 | 1702 | 80200 | ea. | 24559 |
| | RN | 22s | 2"/51 mm | 2 | 1702 | 80230 | ea. | 24560 |
| 50 µL | N | 22s | 2"/51 mm | 2 | 1705 | 80900 | ea. | 24561 |
| | RN | 22s | 2"/51 mm | 2 | 1705 | 80930 | ea. | 24562 |
| 100 µL | N | 22s | 2"/51 mm | 2 | 1710 | 81000 | ea. | 24563 |
| | RN | 22s | 2"/51 mm | 2 | 1710 | 81030 | ea. | 24564 |
| 250 µL | LTN | 22s | 2"/51 mm | 2 | 1725 | 81100 | ea. | 24567 |
| | RN | 22s | 2"/51 mm | 2 | 1725 | 81130 | ea. | 24568 |
| 500 µL | LTN | 22 | 2"/51 mm | 2 | 1750 | 81217 | ea. | 24571 |
| | RN | 22 | 2"/51 mm | 2 | 1750 | 81230 | ea. | 24572 |
| 1 mL | LTN | 22 | 2"/51 mm | 2 | 1001 | 81317 | ea. | 24575 |
| | RN | 22 | 2"/51 mm | 2 | 1001 | 81330 | ea. | 24576 |
| 2.5 mL | TLL | * | | w/o slots | 1001 | 81320 | ea. | 24578 |
| | TLL | * | | w/o slots | 1002 | 81420 | ea. | 24584 |
| 5 mL | RN | 22 | 2"/51 mm | 2 | 1002 | 81430 | ea. | 24582 |
| | N | 22 | 2"/51 mm | 2 | 1002 | 81417 | ea. | 24581 |
| 10 mL | LTN | 22 | 2"/51 mm | 2 | 1005 | 81517 | ea. | 24585 |
| | TLL | * | | w/o slots | 1005 | 81520 | ea. | 20178 |
| 25 mL | TLL | * | | w/o slots | 1010 | 81620 | ea. | 20179 |
| 50 mL | TLL | * | | w/o slots | 1025 | 82520 | ea. | 24591 |
| 100 mL | TLL | * | | w/o slots | 1050 | 85020 | ea. | 24717 |
| 100 mL | TLL | * | | w/o slots | 1100 | 86020 | ea. | 24724 |



*Needles sold separately.

Hamilton Reinforced Plunger Microliter Syringes

| Volume | Needle Term. | Needle Gauge | Needle Length | Point Style | Vendor Model # | Vendor cat.# | qty. | cat.# |
|--------|--------------|--------------|---------------|-------------|----------------|--------------|------|-------|
| 5 µL | N | 26s | 2"/51 mm | 2 | 95 | 87920 | ea. | 24541 |
| | RN | 26s | 2"/51 mm | 2 | 95 | 87925 | ea. | 24542 |
| 10 µL | N | 26s | 2"/51 mm | 2 | 901 | 80360 | ea. | 24543 |
| | RN | 26s | 2"/51 mm | 2 | 901 | 80370 | ea. | 24544 |



24544

Replacement RN/R needles available.



Hamilton Replacement Needles for Agilent 7673, 7683, 7693A, and 6850 Autosampler Syringes

| Volume | Needle Gauge | Needle Length | Point Style | Vendor cat.# | qty. | Similar to Part # | cat.# |
|---------|--------------|---------------|-------------|--------------|-------|-------------------|-----------------------|
| 5–10 µL | 23s | 1.71" | Agilent | 7786-01 | 6-pk. | Agilent 5181-8811 | 20164 |
| | 26s | 1.71" | Agilent | 7786-02 | 6-pk. | Agilent 5181-3319 | 20165 |
| | 23s–26s | 1.71" | Agilent | 7785-01 | 6-pk. | | 20166 |



20164

Hamilton Replacement Needles for Gas-Tight Syringes for Rheodyne & Valco Valves

| Volume | Needle Gauge | Needle Length | Point Style | Vendor cat.# | qty. | cat.# |
|--------------|--------------|---------------|-------------|--------------|-------|-----------------------|
| 5–100 µL | 22s | 2" | 3 | 7770-01 | 6-pk. | 24941 |
| 250 µL–10 mL | 22 | 2" | 3 | 7780-04 | 6-pk. | 24945 |



24941

Hamilton Replacement Needles for Syringes for Waters U6K Valves

| Volume | Needle Gauge | Needle Length | Point Style | Vendor cat.# | qty. | cat.# |
|-----------|--------------|---------------|-------------|--------------|-------|-----------------------|
| 10–100 µL | 25s | 1.97" | 3 | 8647-01 | 6-pk. | 21270 |



21270

Hamilton Replacement Plunger Assembly, PTFE-Tipped for Agilent 7670, 7671, and 7672 ALS Autosampler Syringes

| Volume | Needle Term. | Vendor cat.# | qty. | Similar to Part # | cat.# |
|--------|---------------|--------------|------|------------------------------|-----------------------|
| 10 µL | N, RN, LT/LTN | 13205 | ea. | Agilent 5181-3358, 5181-3365 | 24919 |



24919

Hamilton Standard Microliter Syringes for Agilent 7673, 7683, 7693A, and 6850 Autosamplers

| Volume | Needle Term. | Needle Gauge | Needle Length | Point Style | Vendor Model # | Vendor cat.# | qty. | Similar to Part # | cat.# |
|--------|--------------|--------------|---------------|-------------|----------------|--------------|-------|--------------------------------|-----------------------|
| 0.5 µL | ASRN | 23s | 1.71" | Agilent | 7000.5 | 86276 | ea. | | 24895 |
| | ASRN | 26s | 1.71" | Agilent | 7000.5 | 86274 | ea. | | 21221 |
| | ASRN | 23s | 1.71" | Agilent | 75 | 87957 | ea. | Agilent 5182-0834 | 20172 |
| | ASN | 23s | 1.71" | Agilent | 75 | 87987 | ea. | Agilent 9301-0892 | 20168 |
| | ASN | 23s | 1.71" | Agilent | 75 | 87990 | 6-pk. | Agilent 5182-0875 | 20170 |
| | ASRN | 26s | 1.71" | Agilent | 75 | 87958 | ea. | | 21222 |
| 5 µL | ASN | 26s | 1.71" | Agilent | 75 | 87988 | ea. | Agilent 9301-0891, G4513-80206 | 24592 |
| | ASN | 26s | 1.71" | Agilent | 75 | 87989 | 6-pk. | Agilent 5183-4728 | 21230 |
| | ASRN | 23s–26s | 1.71" | Agilent | 75 | 87959 | ea. | Agilent 5182-0835 | 21223 |
| | ASN | 23s–26s | 1.71" | Agilent | 75 | 87993 | ea. | Agilent 5181-1273 | 24593 |
| | ASN | 23s–26s | 1.71" | Agilent | 75 | 87994 | 6-pk. | Agilent 5181-8810 | 24594 |
| | ASRN | 23s | 1.71" | Agilent | 701 | 80357 | ea. | | 20171 |
| | ASN | 23s | 1.71" | Agilent | 701 | 80387 | ea. | Agilent 9301-0713 | 20167 |
| | ASN | 23s | 1.71" | Agilent | 701 | 80390 | 6-pk. | Agilent 9301-0725 | 20169 |
| | ASRN | 26s | 1.71" | Agilent | 701 | 80358 | ea. | | 24597 |
| | ASN | 26s | 1.71" | Agilent | 701 | 80388 | ea. | Agilent 9301-0714 | 24595 |
| 10 µL | ASN | 26s | 1.71" | Agilent | 701 | 80389 | 6-pk. | Agilent 5183-4729 | 24599 |
| | ASRN | 23s–26s | 1.71" | Agilent | 701 | 80359 | ea. | Agilent 5181-3321 | 24598 |
| | ASN | 23s–26s | 1.71" | Agilent | 701 | 80393 | ea. | Agilent 5181-1267 | 24596 |
| | ASN | 23s–26s | 1.71" | Agilent | 701 | 80391 | 6-pk. | Agilent 5181-3360 | 24600 |



24595

Hamilton Syringe for Waters WISP LC Autosamplers

| Volume | Vendor Model # | Vendor cat.# | qty. | cat.# |
|---------------------------|----------------|--------------|------|-----------------------|
| 250 µL, 1/4-28 UNF Thread | 1725 | 80024 | ea. | 24529 |



24529

Hamilton Syringes for CTC LC Autosamplers

| Volume | Needle Term. | Needle Gauge | Needle Length | Point Style | Modification | Vendor Model # | Vendor cat.# | qty. | cat.# |
|--------|--------------|--------------|---------------|-------------|--------------------|-----------------|--------------|------|-----------------------|
| 10 µL | N | 22s | 2"/51 mm | 3 | | 701N | 203073 | ea. | 22743 |
| 100 µL | N | 22s | 2"/51 mm | 3 | Barrel OD = 6.7 mm | 1710N Slim Line | 203077 | ea. | 22745 |
| | N | 22 | 2"/51 mm | 3 | Barrel OD = 7.9 mm | 1710N | 203235 | ea. | 22746 |
| 250 µL | N | 22 | 2"/51 mm | 3 | | 1725N | 203079 | ea. | 22747 |
| 500 µL | N | 22 | 2"/51 mm | 3 | | 1750N | 203349 | ea. | 22748 |



22745



Hamilton Syringes for Waters U6K Valves

| Volume | Needle Term. | Needle Gauge | Needle Length | Point Style | Vendor Model # | Vendor cat.# | qty. | cat.# |
|--------|--------------|--------------|---------------|-------------|----------------|--------------|------|-----------------------|
| 10 µL | RN | 25s | 1.97" | 3 | 801 | 84815 | ea. | 21255 |
| 25 µL | RN | 25s | 1.97" | 3 | 802 | 84816 | ea. | 21256 |
| 50 µL | RN | 25s | 1.97" | 3 | 805 | 84817 | ea. | 21257 |
| 100 µL | RN | 25s | 1.97" | 3 | 810 | 84818 | ea. | 21258 |
| 250 µL | RN | 25s | 1.97" | 3 | 825 | 84819 | ea. | 21259 |



21256

Heavy Duty Purge & Trap Syringe (Dynatech Precision Sampling)

| Description | Modification | Volume | qty. | cat.# |
|---------------------------------|--------------------|--------|------|-----------------------|
| Heavy Duty Purge & Trap Syringe | without Sample-Lok | 2 mL | ea. | 21205 |
| | without Sample-Lok | 5 mL | ea. | 21206 |
| | without Sample-Lok | 10 mL | ea. | 21209 |
| | with Sample-Lok | 5 mL | ea. | 21208 |
| | with Sample-Lok | 10 mL | ea. | 21207 |



Merlin MicroShot Injector

| Volume | Vendor cat.# | qty. | cat.# |
|------------------|--------------|------|-----------------------|
| 0.1 µL injection | 701-01 | ea. | 22226 |
| 0.2 µL injection | 701-02 | ea. | 22227 |
| 0.5 µL injection | 701-05 | ea. | 22228 |
| 1.0 µL injection | 701-10 | ea. | 22229 |
| 2.0 µL injection | 701-20 | ea. | 22230 |



22229

Syringe not included. Requires Agilent-style (ball-end plunger) autosampler syringe.

NORM-JECT and HENKE-JECT Plastic Syringes

| Volume | Modification | Type | qty. | Similar to Part # | cat.# |
|--------|---|-------------------------|---------|-------------------------------|-----------------------|
| 1 mL | Dose saver design with low dead space plug on the piston to minimize waste. | Luer Slip Tuberculin | 100-pk. | Air-Tite A1 | 22766 |
| 3 mL | | Luer Slip Centric Tip | 100-pk. | Air-Tite A3 | 22767 |
| 5 mL | graduations to 6 mL | Luer Slip Centric Tip | 100-pk. | Air-Tite A5 | 22768 |
| 10 mL | graduations to 12 mL | Luer Slip Eccentric Tip | 100-pk. | Air-Tite A10 | 22769 |
| 20 mL | graduations to 24 mL | Luer Slip Eccentric Tip | 100-pk. | Air-Tite A20 | 22770 |
| 30 mL | | Luer Slip Eccentric Tip | 50-pk. | Air-Tite A30 | 22771 |
| 50 mL | graduations to 60 mL | Luer Slip Eccentric Tip | 30-pk. | Air-Tite A50 | 22772 |
| 3 mL | | Luer Lock Tip | 100-pk. | Air-Tite AL3 | 22773 |
| 5 mL | graduations to 6 mL | Luer Lock Tip | 100-pk. | Air-Tite AL5 | 22774 |
| 10 mL | graduations to 12 mL | Luer Lock Tip | 100-pk. | Agilent UCB310; Air-Tite AL10 | 22775 |
| 20 mL | graduations to 24 mL | Luer Lock Tip | 100-pk. | Air-Tite AL20 | 22776 |
| 30 mL | | Luer Lock Tip | 50-pk. | Air-Tite AL30 | 22777 |
| 50 mL | graduations to 60 mL | Luer Lock Tip | 30-pk. | Air-Tite AL50 | 22778 |



Replacement Needles for A-2 Luer Gas-Tight Syringes

| Volume | Needle Gauge | Size | qty. | cat.# |
|----------------------------------|--------------|----------------------------|-------|-----------------------|
| for 100 µL A2 Gas-Tight Syringes | 22 | 0.028" OD x 0.006" ID x 2" | 3-pk. | 22783 |
| for 500 µL A2 Gas-Tight Syringes | 22 | 0.028" OD x 0.012" ID x 2" | 3-pk. | 22784 |



22783

SGE Autosampler Syringes for CTC and Thermo Scientific GCs

| Volume | Needle Term. | Needle Gauge | Needle Length | Point Style | Vendor Model # | Vendor cat.# | qty. | cat.# |
|--------|--------------|--------------|---------------|-------------|-----------------|--------------|------|-----------------------|
| 0.5 µL | R | 23 | 50 mm | Cone | 0.5BNR-C/F-0.63 | 000492 | ea. | 24928 |
| | R | 26 | 50 mm | Cone | 0.5BNR-C/F-0.47 | 000490 | ea. | 24926 |
| | F | 23 | 50 mm | Cone | 5F-C/F-5/0.63 | 001981 | ea. | 24921 |
| 5 µL | F | 26 | 50 mm | Cone | 5F-BT-5/0.47 | 0019821 | ea. | 24920 |
| | F | 26 | 50 mm | Cone | 5F-C/T-5/0.47C | 001982 | ea. | 22251 |



Continued



| Volume | Needle Term. | Needle Gauge | Needle Length | Point Style | Vendor Model # | Vendor cat.# | qty. | cat.# |
|--------|--------------|--------------|---------------|-------------|---------------------|--------------|-------|-------|
| 10 µL | R | 23 | 50 mm | Cone | 10R-BT-0.63 | 0029841 | ea. | 24932 |
| | R | 23 | 50 mm | Cone | 10R-C/T-0.63C | 002984 | ea. | 23903 |
| | F | 23 | 50 mm | Cone | 10F-BT-GT-5/0.63C | 0029871 | ea. | 22749 |
| | F | 23 | 50 mm | Cone | 10F-C/T-GT-5/0.63C | 002987 | ea. | 22254 |
| | F | 23 | 50 mm | Cone | 10F-C/T-5/0.63C | 002981 | ea. | 22255 |
| | F | 25 | 50 mm | Cone | 10F-C/T-5/0.5C | 002967 | ea. | 23902 |
| | F | 26 | 50 mm | Cone | 10F-BT-5/0.47C | 0029801 | ea. | 24922 |
| | F | 26 | 50 mm | Cone | SK-10F-BT-5/0.47C | 0029861 | 6-pk. | 24925 |
| | F | 26 | 80 mm | Cone | 10F-BT-8/0.47C | 0029921 | ea. | 24924 |
| | F | 26 | 80 mm | Cone | 10F-C/T-8/0.47C | 002992 | ea. | 23904 |
| | R | 26 | 80 mm | Cone | 10R-BT-8/0-0.47C | 0029931 | ea. | 24934 |
| | F | 26 | 50 mm | Cone | 10F-C/T-5/0.47C | 002980 | ea. | 22252 |
| 25 µL | F | 26 | 50 mm | Cone | 10F-C/T-5/0.47C | 002986 | 6-pk. | 22253 |
| | F | 23 | 50 mm | Cone | 25F-C/T-GT-5/0.63C | 003987 | ea. | 23897 |
| 100 µL | F | 23 | 50 mm | Cone | 25F-BT-GT-5/0.63C | 0039871 | ea. | 22751 |
| | F | 23 | 50 mm | Cone | 100F-C/T-GT-5/0.63C | 005335 | ea. | 22753 |
| | R | 26 | 50 mm | Cone | 100R-C/T-GT-5/0.47C | 005333 | ea. | 22754 |

SGE Autosampler Syringes for PerkinElmer Autosystem and Clarus 500 GCs

| Volume | Needle Term. | Needle Gauge | Needle Length | Point Style | Vendor Model # | Vendor cat.# | qty. | cat.# |
|--------|--------------|--------------|---------------|-------------|----------------|--------------|------|-------|
| 0.5 µL | R | 23 | 70 mm | Cone | 0.5BR-PE-0.63 | 000478 | ea. | 24811 |
| | R | 26 | 70 mm | Cone | 0.5BR-PE-0.47 | 000475 | ea. | 24810 |
| 5 µL | F | 23 | 70 mm | Cone | 5F-PE-0.63 | 001954 | ea. | 24813 |
| | F | 23 | 70 mm | Cone | 5F-PE-GT-0.63 | 001957 | ea. | 24815 |
| | F | 26 | 70 mm | Cone | 5F-PE-0.47 | 001953 | ea. | 24812 |
| | F | 26 | 70 mm | Cone | 5F-PE-GT-0.47 | 001955 | ea. | 24814 |
| 50 µL | F | 23 | 70 mm | Cone | 50F-PE-0.63 | 004670 | ea. | 24816 |



SGE Autosampler Syringes for Bruker/Varian 8000 Series GCs

| Volume | Needle Term. | Needle Gauge | Needle Length | Point Style | Vendor Model # | Vendor cat.# | qty. | cat.# |
|--------|--------------|--------------|---------------|-------------|----------------------|--------------|------|-------|
| 10 µL | R | 25 | 53 mm | S/Hole | 10R-VA8X-II | 002924 | ea. | 24852 |
| | F | 26 | 50 mm | Bevel | 10F-VA8400-5/0.47 | 002950 | ea. | 21202 |
| | R | 26 | 50 mm | Cone | 10R-VA8400-5/0-0.47C | 002952 | ea. | 24930 |
| | F | 23 | 50 mm | Cone | 10F-VA8400-5/0.63C | 002951 | ea. | 24923 |



SGE Autosampler Syringes for Shimadzu AOC 14, 17, 20, and 20i GCs

| Volume | Needle Term. | Needle Gauge | Needle Length | Point Style | Vendor Model # | Vendor cat.# | qty. | cat.# |
|--------|--------------|--------------|---------------|-------------|----------------|--------------|------|-------|
| 0.5 µL | R | 23 | 42 mm | Cone | 0.5BR-S-0.63 | 000445 | ea. | 24841 |
| | R | 26 | 42 mm | Cone | 0.5BR-S-0.47 | 000440 | ea. | 24840 |
| 5 µL | F | 23 | 42 mm | Cone | 5F-S-0.63 | 001988 | ea. | 24843 |
| | R | 23 | 42 mm | Cone | 10R-S-0.63 | 002898 | ea. | 24845 |
| 10 µL | R | 23 | 42 mm | Cone | 10R-S-GT-0.63 | 002902 | ea. | 24846 |
| | R | 26 | 42 mm | Cone | 10R-S-0.47 | 002897 | ea. | 24844 |



SGE Economical Microliter Liquid-Type Syringes for Rheodyne & Valco Valves

| Volume | Needle Term. | Needle Gauge | Needle Length | Point Style | Vendor Model # | Vendor cat.# | qty. | cat.# |
|--------|--------------|--------------|---------------|-------------|----------------|--------------|------|-------|
| 10 µL | F | 22 | 2" | 3 | 10F-LC | 002301 | ea. | 24860 |
| 25 µL | F | 22 | 2" | 3 | 25F-LC | 003300 | ea. | 24861 |
| 50 µL | F | 22 | 2" | 3 | 50F-LC | 004300 | ea. | 24862 |
| 100 µL | F | 22 | 2" | 3 | 100F-LC | 005300 | ea. | 24863 |
| 250 µL | F | 22 | 2" | 3 | 250F-LC | 006300 | ea. | 24864 |
| 500 µL | F | 22 | 2" | 3 | 500F-LC | 007300 | ea. | 24865 |





SGE Gas-Tight PTFE-Tipped Syringes for Agilent 7673, 7683, 7693A, and 6850 Autosamplers

| Volume | Needle Term. | Needle Gauge | Needle Length | Point Style | Vendor Model # | Vendor cat.# | qty. | Similar to Part # | cat.# |
|--------|--------------|--------------|---------------|-------------|----------------------|--------------|-------|-------------------|-----------------------|
| 10 µL | F | 23 | 42 mm | Cone | 10F-HP-GT-0.63 | 002812 | ea. | Agilent 5181-8809 | 24789 |
| | F | 23-26 | 42 mm | Cone | 10F-AG-GT-0.63/0.47C | 002826 | ea. | | 22256 |
| | F | 23-26 | 42 mm | Cone | 10F-AG-GT-0.63/0.47C | 002827 | 6-pk. | Agilent 5181-3361 | 22259 |
| | R | 23-26 | 42 mm | Cone | 10R-HP-GT-0.63/0.47 | 002829 | ea. | | 21220 |



SGE Gas-Tight Syringe Replacement Needles for Luer Lock Syringes

| Volume | Needle Gauge | Needle Length | Point Style | Hub Material | Used with | Vendor Model # | Vendor cat.# | qty. | cat.# |
|-------------|--------------|---------------|-------------|--------------|----------------------------|----------------|--------------|-------|-----------------------|
| 1 mL-100 mL | 23 | 50 mm | 2 | metal | | NLL-5/23 | 039802 | 5-pk. | 24763 |
| | 22 | 2"/51 mm | 3 | metal | For Rheodyne/Valco valves. | NLL-LC | 039895 | 2-pk. | 24765 |
| | 18 | 50 mm | 2 | metal | | NLL-5/18 | 039842 | 5-pk. | 24764 |
| | 19 | 50 mm | H | metal | Any LL needle | NLL-5/19H | 039823 | 2-pk. | 28938 |
| | 23 | 50 mm | H | metal | Any LL needle | NLL-5/23H | 039803 | 2-pk. | 28939 |



SGE Gas-Tight Syringes for Rheodyne & Valco Valves

| Volume | Needle Term. | Needle Gauge | Needle Length | Point Style | Vendor Model # | Vendor cat.# | qty. | cat.# |
|--------|--------------|--------------|---------------|-------------|----------------|--------------|------|-----------------------|
| 10 µL | R | 22 | 2" | 3 | 10R-GT-LC | 002313 | ea. | 24866 |
| 25 µL | R | 22 | 2" | 3 | 25R-GT-LC | 003312 | ea. | 24867 |
| 50 µL | R | 22 | 2" | 3 | 50R-GT-LC | 004312 | ea. | 24868 |
| 100 µL | R | 22 | 2" | 3 | 100R-GT-LC | 005312 | ea. | 24869 |
| 250 µL | R | 22 | 2" | 3 | 250R-GT-LC | 006312 | ea. | 24870 |
| 500 µL | R | 22 | 2" | 3 | 500R-GT-LC | 007312 | ea. | 24871 |



SGE Gas-Tight Syringes with Shut-off Valves Syringe Fitted with Removable Needle and Valve

| Volume | Vendor Model # | Vendor cat.# | qty. | cat.# |
|--------|----------------|--------------|------|-----------------------|
| 50 µL | 50R-V-GT | 004279 | ea. | 24880 |
| 100 µL | 100R-V-GT | 005279 | ea. | 24881 |
| 250 µL | 250R-V-GT | 006279 | ea. | 24882 |
| 500 µL | 500R-V-GT | 007279 | ea. | 24883 |
| 1 mL | 1MDR-V-GT | 008110 | ea. | 24884 |
| 2.5 mL | 2.5MDR-V-GT | 008510 | ea. | 24885 |



SGE Gas-Tight Syringes with Shut-off Valves Syringe Fitted with Luer Lock Valve*

| Volume | Type | Vendor Model # | Vendor cat.# | qty. | cat.# |
|--------|--------------------------|----------------|--------------|------|-----------------------|
| 1 mL | Push-pull shut-off valve | 1MR-VLL-GT | 008160 | ea. | 24886 |
| 2.5 mL | Push-pull shut-off valve | 2.5MDR-VLL-GT | 008560 | ea. | 24887 |
| 5 mL | Push shut-off valve | 5MDR-VLLMA-GT | 008770 | ea. | 24888 |
| 10 mL | Push shut-off valve | 10MDR-VLLMA-GT | 008970 | ea. | 24889 |
| 25 mL | Push shut-off valve | 25MDR-VLLMA-GT | 009472 | ea. | 24890 |
| 50 mL | Push shut-off valve | 50MR-VLLMA-GT | 009670 | ea. | 24891 |
| 100 mL | Push shut-off valve | 100MR-VLLMA-GT | 009770 | ea. | 24892 |

*Order needles separately.



SGE Jumbo Syringe

| Volume | Vendor Model # | Vendor cat.# | qty. | cat.# |
|---------|----------------|--------------|------|-----------------------|
| 500 mL | 500MAR-LL-GT | 009910 | ea. | 21275 |
| 1000 mL | 1000MAR-LL-GT | 009920 | ea. | 21276 |
| 2000 mL | 2000MAR-LL-GT | 009930 | ea. | 21277 |



SGE Luer Lock Valve Adaptors

| Vendor cat.# | qty. | cat.# |
|--------------|-------|-----------------------|
| 200010 | 2-pk. | 21283 |



21283



SGE Manual Microliter Syringes

| Volume | Needle Term. | Needle Gauge | Needle Length | Point Style | Modification | Vendor Model # | Vendor cat.# | qty. | cat.# |
|--------|--------------|--------------|---------------|-------------|--------------------------|----------------|--------------|-------|-------|
| 5 µL | F | 26 | 50 mm | 2 | With plunger protection. | 5F | 001000 | ea. | 24700 |
| | R | 26 | 50 mm | 2 | With plunger protection. | 5R | 001050 | ea. | 24701 |
| 10 µL | F | 26 | 50 mm | 2 | With plunger protection. | 10F | 002000 | ea. | 24702 |
| | F | 26 | 50 mm | 2 | With plunger protection. | SK-10F | 002030 | 6-pk. | 24715 |
| | R | 26 | 50 mm | 2 | With plunger protection. | 10R | 002050 | ea. | 24703 |
| | R | 26 | 50 mm | 2 | With plunger protection. | SK-10R | 002080 | 6-pk. | 24716 |
| 25 µL | F | 25 | 50 mm | 2 | | 25F | 003000 | ea. | 24704 |
| | R | 25 | 50 mm | 2 | | 25R | 003050 | ea. | 24705 |
| 50 µL | F | 25 | 50 mm | 2 | | 50F | 004000 | ea. | 24706 |
| | R | 25 | 50 mm | 2 | | 50R | 004050 | ea. | 24707 |
| 100 µL | F | 25 | 50 mm | 2 | | 100F | 005000 | ea. | 24708 |
| | R | 25 | 50 mm | 2 | | 100R | 005050 | ea. | 24709 |
| 250 µL | F | 25 | 50 mm | 2 | | 250F | 006000 | ea. | 24710 |
| | R | 25 | 50 mm | 2 | | 250R | 006050 | ea. | 24711 |
| 500 µL | F | 25 | 50 mm | 2 | | 500F | 007000 | ea. | 24712 |
| | R | 25 | 50 mm | 2 | | 500R | 007050 | ea. | 24713 |



24701

Replacement RN/R needles available.

SGE Micro-Volume, Positive Displacement Syringes

| Volume | Needle Term. | Needle Gauge | Needle Length | Point Style | Modification | Vendor Model # | Vendor cat.# | qty. | cat.# |
|--------|--------------|--------------|---------------|-------------|--------------------------------|-----------------|--------------|------|-------|
| 0.5 µL | R | 23 | 70 mm | 2 | | 0.5BR-7BV | 000311 | ea. | 24771 |
| | R | 23 | 70 mm | Cone | | 0.5BR-7 | 000310 | ea. | 24772 |
| | R | 26 | 70 mm | Cone | 0.47 mm OD, on-column syringe. | 0.5BR-0C-7/0.47 | 000376 | ea. | 24770 |
| 1.0 µL | R | 23 | 70 mm | 2 | | 1BR-7BV | 000506 | ea. | 24775 |
| | R | 23 | 70 mm | Cone | | 1BR-7 | 000505 | ea. | 24774 |
| | R | 23 | 50 mm | Cone | | 1BR-5 | 000500 | ea. | 24773 |
| | R | 26 | 70 mm | Cone | 0.47 mm OD, on-column syringe. | 1BR-7/0.47 | 000570 | ea. | 24776 |
| 5.0 µL | R | 23 | 70 mm | 2 | | 5BR-7BV | 000803 | ea. | 24779 |
| | R | 23 | 70 mm | Cone | | 5BR-7 | 000802 | ea. | 24778 |
| | R | 23 | 50 mm | Cone | | 5BR-5 | 000800 | ea. | 24777 |



24774

SGE PTFE Tip, Gas-Tight Syringe Replacement Needles for Removable Needle Syringes

| Volume | Needle Gauge | Needle Length | Point Style | Vendor cat.# | qty. | cat.# |
|-----------|--------------|---------------|-------------|--------------|-------|-------|
| 5 µL | 26 | 50 mm | 2 | 036110 | 5-pk. | 24802 |
| 10 µL | 23 | 50 mm | 2 | 037111 | 5-pk. | 24804 |
| | 26 | 50 mm | 2 | 037110 | 5-pk. | 24803 |
| 25–500 µL | 23 | 50 mm | 2 | 038111 | 5-pk. | 24806 |
| | 25 | 50 mm | 2 | 038110 | 5-pk. | 24805 |
| 1–2.5 mL | 23 | 50 mm | 2 | 039110 | 5-pk. | 24807 |



24802

SGE PTFE Tip, Gas-Tight Syringes

| Volume | Needle Term. | Needle Gauge | Needle Length | Point Style | Vendor Model # | Vendor cat.# | qty. | cat.# |
|--------|--------------|--------------|---------------|-------------|----------------|--------------|------|-------|
| 10 µL | F | 26 | 50 mm | 2 | 10F-GT | 002200 | ea. | 24725 |
| | R | 26 | 50 mm | 2 | 10R-GT | 002250 | ea. | 24726 |
| 25 µL | F | 25 | 50 mm | 2 | 25F-GT | 003200 | ea. | 24727 |
| | R | 25 | 50 mm | 2 | 25R-GT | 003250 | ea. | 24728 |
| 50 µL | F | 25 | 50 mm | 2 | 50F-GT | 004200 | ea. | 24729 |
| | R | 25 | 50 mm | 2 | 50R-GT | 004250 | ea. | 24730 |
| 100 µL | F | 25 | 50 mm | 2 | 100F-GT | 005200 | ea. | 24734 |
| | R | 25 | 50 mm | 2 | 100R-GT | 005250 | ea. | 24735 |
| | LL | * | | | 100F-LL-GT | 005230 | ea. | 24737 |



Continued



| Volume | Needle Term. | Needle Gauge | Needle Length | Point Style | Vendor Model # | Vendor cat.# | qty. | cat.# |
|--------|--------------|--------------|---------------|-------------|----------------|--------------|------|-------|
| 250 µL | F | 25 | 50 mm | 2 | 250F-GT | 006200 | ea. | 24738 |
| | R | 25 | 50 mm | 2 | 250R-GT | 006250 | ea. | 24739 |
| | LL | * | | | 250F-LL-GT | 006230 | ea. | 24741 |
| 500 µL | F | 25 | 50 mm | 2 | 500F-GT | 007200 | ea. | 24742 |
| | R | 25 | 50 mm | 2 | 500R-GT | 007250 | ea. | 24743 |
| 1 mL | R | 23 | 50 mm | 2 | 1MR-GT | 008100 | ea. | 24750 |
| | LL | * | | | 1MDF-LL-GT | 008025 | ea. | 24752 |
| 2.5 mL | LL | * | | | 2.5MDF-LL-GT | 008425 | ea. | 24755 |
| 5 mL | LL | * | | | 5MDR-LL-GT | 008760 | ea. | 24757 |
| 10 mL | LL | * | | | 10MDR-LL-GT | 008960 | ea. | 24759 |
| 25 mL | LL | * | | | 25MDR-LL-GT | 009462 | ea. | 24760 |
| 50 mL | LL | * | | | 50MR-LL-GT | 009660 | ea. | 24761 |
| 100 mL | LL | * | | | 100MR-LL-GT | 009760 | ea. | 24762 |

*Needles sold separately.

SGE Reinforced Plunger Microliter Syringes

| Volume | Needle Term. | Needle Gauge | Needle Length | Point Style | Vendor Model # | Vendor cat.# | qty. | cat.# |
|--------|--------------|--------------|---------------|-------------|----------------|--------------|------|-------|
| 5 µL | F | 26 | 50 mm | 2 | 5F-GP | 001400 | ea. | 24769 |
| | R | 26 | 50 mm | 2 | 5R-GP | 001450 | ea. | 24766 |
| 10 µL | F | 26 | 50 mm | 2 | 10F-GP | 002400 | ea. | 24767 |
| | R | 26 | 50 mm | 2 | 10R-GP | 002450 | ea. | 24768 |

Replacement RN/R needles available.



24766

SGE Replacement Needle and Plunger Kit for PerkinElmer Autosampler Syringes

| Volume | Needle Term. | Needle Gauge | Needle Length | Point Style | Vendor cat.# | qty. | cat.# |
|--------|--------------|--------------|---------------|-------------|--------------|------|-------|
| 0.5 µL | R | 23 | 70 mm | Cone | 033765 | kit | 24818 |



24818

SGE Replacement Needle and Plunger Kit for CTC and Thermo Scientific Autosampler Syringes

| Volume | Needle Term. | Needle Gauge | Needle Length | Point Style | Vendor cat.# | qty. | cat.# |
|--------|--------------|--------------|---------------|-------------|--------------|------|-------|
| 0.5 µL | R | 26 | 50 mm | Cone | 033770 | kit | 24927 |
| | R | 23 | 50 mm | Cone | 033772 | kit | 24929 |

SGE Replacement Needles for Agilent 7673, 7683, 7693A, and 6850 Autosampler Syringes

| Volume | Needle Gauge | Needle Length | Point Style | Vendor cat.# | qty. | Similar to Part # | cat.# |
|--------|--------------|---------------|-------------|--------------|-------|-------------------|-------|
| 0.5 µL | 23 | 42 mm | Cone | 033715 | ea. | Agilent 5182-0830 | 24821 |
| | 26 | 42 mm | Cone | 033708 | ea. | | 24820 |
| 5 µL | 26 | 42 mm | Cone | 036710 | 2-pk. | | 24822 |
| | 23 | 42 mm | Cone | 037717 | 2-pk. | Agilent 5181-8811 | 24825 |
| 10 µL | 26 | 42 mm | Cone | 037715 | 2-pk. | | 24824 |
| | 23 | 42 mm | Cone | 038717 | 2-pk. | | 24826 |

Do not reuse PTFE washers.



24825

SGE Replacement Needles for Thermo Scientific RSH Autosampler Syringes

| Volume | Needle Gauge | Needle Length | Point Style | Vendor Model # | Vendor cat.# | qty. | cat.# |
|--------|--------------|---------------|-------------|------------------------|--------------|-------|-------|
| 5 µL | 23 | 57 mm | Cone | N5-RSH-5.7/0.63C 2-pk | 036871 | 2-pk. | 23942 |
| | 23 | 57 mm | Cone | N10-RSH-5.7/0.63C 2-pk | 037871 | 2-pk. | 23946 |
| 10 µL | 23 | 85 mm | Cone | N10-RSH-8.5/0.63C 2-pk | 037873 | 2-pk. | 23947 |
| | 26 | 57 mm | Cone | N10-RSH-5.7/0.47C 2-pk | 037875 | 2-pk. | 23948 |
| | 26 | 85 mm | Cone | N10-RSH-8.5/0.47C 2-pk | 037877 | 2-pk. | 23949 |



23946



SGE Replacement Needles for Syringes for Waters U6K Valves*

| Volume | Needle Gauge | Needle Length | Point Style | Vendor cat.# | qty. | cat.# |
|-----------|--------------|---------------|-------------|--------------|-------|-------|
| 25–500 µL | 25 | 50 mm | 3 | 038260 | 5-pk. | 24879 |

*Removable needle with repeating adapter.

SGE Replacement Needles for Gas-Tight Syringes for Rheodyne & Valco Valves

| Volume | Needle Gauge | Needle Length | Point Style | Vendor cat.# | qty. | cat.# |
|-----------|--------------|---------------|-------------|--------------|-------|-------|
| 10 µL | 22 | 2" | 3 | 037250 | 5-pk. | 24808 |
| 25–500 µL | 22 | 2" | 3 | 038250 | 5-pk. | 24809 |



SGE Replacement Needles for Bruker/Varian 8000 Series Autosampler Syringes

| Volume | Needle Gauge | Needle Length | Point Style | Modification | Vendor cat.# | qty. | cat.# |
|--------|--------------|---------------|-------------|--|--------------|-------|-------|
| 10 µL | 23 | 53 mm | S/Hole | | 037779 | 2-pk. | 24857 |
| | 25 | 53 mm | S/Hole | Tapered needle shaft, 0.12 mm ID needle. | 037777 | ea. | 24854 |
| | 25 | 53 mm | 2 | | 037776 | 2-pk. | 24855 |



SGE Replacement Needles for Shimadzu Autosampler Syringes

| Volume | Needle Term. | Needle Gauge | Needle Length | Point Style | Vendor cat.# | qty. | cat.# |
|--------|--------------|--------------|---------------|-------------|--------------|-------|-------|
| 0.5 µL | R | 23 | 42 mm | Cone | 033745 | ea. | 24747 |
| 10 µL | R | 23 | 42 mm | Cone | 037747 | 2-pk. | 24749 |
| | R | 26 | 42 mm | Cone | 037745 | 2-pk. | 24748 |



SGE Replacement Needles for CTC and Thermo Scientific Autosampler Syringes

| Volume | Needle Term. | Needle Gauge | Needle Length | Point Style | Vendor cat.# | qty. | cat.# |
|--------|--------------|--------------|---------------|-------------|--------------|-------|-------|
| 10 µL | R | 26 | 80 mm | Cone | 031535 | 3-pk. | 24935 |
| | R | 23 | 50 mm | Cone | 037787 | 2-pk. | 24933 |



SGE Replacement Needles for Gas-Tight Syringes with Shut-off Valves

| Volume | Needle Gauge | Needle Length | Point Style | Vendor Model # | Vendor cat.# | qty. | cat.# |
|--------------|--------------|---------------|-------------|----------------|--------------|------|-------|
| 25 µL–2.5 mL | 23 | 50 mm | Cone | V | 031905 | ea. | 24898 |



SGE Replacement Plunger Assembly, PTFE-Tipped for Agilent 7673, 7683, 7693A, and 6850 Autosampler Syringes

| Volume | Needle Term. | Vendor cat.# | qty. | Similar to Part # | cat.# |
|--------|--------------|--------------|-------|-------------------|-------|
| 10 µL | F | 031808 | 2-pk. | Agilent 5181-3365 | 21218 |
| | R | 031809 | 2-pk. | | 21284 |



SGE Replacement Plunger-in-Needle Kits

| Volume | Needle Gauge | Needle Length | Point Style | Used with | Vendor Model # | Vendor cat.# | qty. | cat.# |
|--------|--------------|---------------|-------------|-----------|----------------|--------------|------|-------|
| 0.5 µL | 23 | 70 mm | 2 | 24771 | NP0.5B-7BV | 033060 | kit | 24831 |
| | 23 | 70 mm | Cone | 24772 | NP0.5B-7C | 033057 | kit | 24830 |
| | 23 | 70 mm | 2 | 24775 | NP1B-7BV | 034060 | kit | 24835 |
| 1.0 µL | 23 | 70 mm | Cone | 24774 | NP1B-7C | 034057 | kit | 24834 |
| | 23 | 50 mm | Cone | 24773 | NP1B-5C | 034055 | kit | 24833 |
| 5.0 µL | 23 | 70 mm | 2 | 24779 | NP5B-7BV | 035058 | kit | 24839 |
| | 23 | 70 mm | Cone | 24778 | NP5B-7C | 035057 | kit | 24838 |



SGE Replacement Plungers for Thermo Scientific RSH Autosampler Syringes

| Volume | Needle Term. | Vendor Model # | Vendor cat.# | qty. | cat.# |
|--------|--------------|----------------|--------------|------|-------|
| 10 µL | F | P10F-RSH-GT | 032810 | ea. | 23936 |

Note: Compatible with Thermo Scientific gas-tight syringes only.





SGE Replacement Plungers for CTC Autosampler Syringes

| Volume | Needle Term. | Vendor Model # | Vendor cat.# | qty. | cat.# |
|--------|--------------|----------------|--------------|------|-------|
| 25 µL | F | P25F-C/T-GT | 031817 | ea. | 23907 |

SGE Replacement Plungers for Thermo Scientific Autosampler Syringes

| Volume | Needle Term. | Vendor Model # | Vendor cat.# | qty. | cat.# |
|--------|--------------|----------------|--------------|-------|-------|
| 10 µL | F | P10F-C/T-GT | 0318120 | 2-pk. | 23905 |



23905

SGE Standard Microliter Syringes for Agilent 7673, 7683, 7693A, and 6850 Autosamplers

| Volume | Needle Term. | Needle Gauge | Needle Length | Point Style | Vendor Model # | Vendor cat.# | qty. | Similar to Part # | cat.# |
|--------|--------------|--------------|---------------|-------------|---------------------|--------------|-------|-------------------|-------|
| 0.5 µL | R | 23 | 42 mm | Cone | 0.5BR-HP-0.63 | 000410 | ea. | | 24791 |
| | R | 26 | 42 mm | Cone | 0.5BR-HP-0.47 | 000400 | ea. | | 24790 |
| 5 µL | F | 23 | 42 mm | Cone | 5F-HP-0.63 | 001810 | ea. | Agilent 9301-0892 | 24781 |
| | F | 23 | 42 mm | Cone | SK-5F-HP-0.63 | 001814 | 6-pk. | Agilent 5182-0875 | 24783 |
| | F | 26 | 42 mm | Cone | 5F-HP-0.47 | 001800 | ea. | Agilent 9301-0891 | 24780 |
| | F | 26 | 42 mm | Cone | SK-5F-HP-0.47 | 001804 | 6-pk. | | 24782 |
| | F | 23–26s | 42 mm | Cone | 5F-HP-0.63/0.47 | 001821 | ea. | Agilent 5181-1273 | 21210 |
| | F | 23–26s | 42 mm | Cone | SK-5F-HP-0.63/0.47 | 001822 | 6-pk. | | 21214 |
| 10 µL | R | 23 | 42 mm | Cone | 10R-HP-0.63 | 002815 | ea. | | 24795 |
| | F | 23 | 42 mm | Cone | 10F-HP-0.63 | 002810 | ea. | Agilent 9301-0713 | 24785 |
| | F | 23 | 42 mm | Cone | SK-10F-HP-0.63 | 002814 | 6-pk. | Agilent 9301-0725 | 24787 |
| | R | 26 | 42 mm | Cone | 10R-HP-0.47 | 002805 | ea. | | 24794 |
| | F | 26 | 42 mm | Cone | 10F-HP-0.47 | 002800 | ea. | Agilent 9301-0714 | 24784 |
| | F | 26 | 42 mm | Cone | SK-10F-HP-0.47 | 002804 | 6-pk. | | 24786 |
| 50 µL | F | 23–26 | 42 mm | Cone | 10F-HP-0.63/0.47 | 002821 | ea. | Agilent 5181-1267 | 21212 |
| | F | 23–26 | 42 mm | Cone | SK-10F-HP-0.63/0.47 | 002822 | 6-pk. | Agilent 5181-3360 | 21215 |
| 50 µL | R | 23 | 42 mm | Cone | 50R-HP-0.63 | 004665 | ea. | | 24799 |



SGE Superflex Flexible Plunger Microliter Syringes

| Volume | Needle Term. | Needle Gauge | Needle Length | Point Style | Vendor Model # | Vendor cat.# | qty. | cat.# |
|--------|--------------|--------------|---------------|-------------|----------------|--------------|-------|-------|
| 5 µL | F | 26 | 50 mm | 2 | 5FX | 001100 | ea. | 24720 |
| | F | 26 | 50 mm | 2 | 10FX | 002100 | ea. | 24722 |
| 10 µL | F | 26 | 50 mm | 2 | SK-10FX | 002130 | 6-pk. | 24718 |
| | R | 26 | 50 mm | 2 | SK-10RX | 002180 | 6-pk. | 24719 |



24719

SGE Syringe for Hitachi LC Autosamplers

| Volume | Vendor Model # | Vendor cat.# | qty. | cat.# |
|-----------------------|----------------|--------------|------|-------|
| 500 µL, M10 X1 Thread | 500C-HITACHI | 007660 | ea. | 22292 |



22292

SGE Syringe O-Rings

| Volume | Vendor cat.# | qty. | cat.# |
|---------|--------------|------|-------|
| 500 mL | 032527 | ea. | 21278 |
| 1000 mL | 032532 | ea. | 21279 |



21278

SGE Syringes for Thermo Scientific RSH Autosampler

| Volume | Needle Term. | Needle Gauge | Needle Length | Point Style | Vendor Model # | Vendor cat.# | qty. | cat.# |
|--------|--------------|--------------|---------------|-------------|----------------------|--------------|------|-------|
| 5 µL | F | 23 | 57 mm | Cone | 5F-RTC/RSH-5.7/0.63C | 001861 | ea. | 23908 |
| | F | 23 | 85 mm | Cone | 5F-RTC/RSH-8.5/0.63C | 001863 | ea. | 23909 |
| | F | 26 | 57 mm | Cone | 5F-RTC/RSH-5.7/0.47C | 001865 | ea. | 23910 |
| | F | 26 | 85 mm | Cone | 5F-RTC/RSH-8.5/0.47C | 001867 | ea. | 23911 |
| | R | 23 | 57 mm | Cone | 5R-RTC/RSH-5.7/0.63C | 001871 | ea. | 23912 |



23921

Continued



| Volume | Needle Term. | Needle Gauge | Needle Length | Point Style | Vendor Model # | Vendor cat.# | qty. | cat.# |
|--------|--------------|--------------|---------------|-------------|---------------------------------|--------------|------|-------|
| 10 µL | F | 23 | 57 mm | Cone | 10F-RTC/RSH-5.7/0.63C | 002861 | ea. | 23916 |
| | F | 23 | 57 mm | Cone | 10F-RTC/RSH-GT-5.7/0.63C | 002862 | ea. | 23917 |
| | F | 23 | 85 mm | Cone | 10F-RTC/RSH-8.5/0.63C | 002863 | ea. | 23918 |
| | F | 26 | 57 mm | Cone | 10F-RTC/RSH-5.7/0.47C | 002865 | ea. | 23920 |
| | F | 26 | 57 mm | Cone | 10F-RTC/RSH-GT-5.7/0.47C | 002866 | ea. | 23921 |
| | F | 26 | 85 mm | Cone | 10F-RTC/RSH-8.5/0.47C | 002867 | ea. | 23922 |
| | F | 26 | 85 mm | Cone | 10F-RTC/RSH-GT-8.5/0.47C | 002868 | ea. | 23923 |
| | R | 23 | 57 mm | Cone | 10R-RTC/RSH-5.7/0.63C | 002871 | ea. | 23924 |
| | R | 23 | 57 mm | Cone | 10R-RTC/RSH-GT-5.7/0.63C | 002872 | ea. | 23925 |
| | R | 26 | 57 mm | Cone | 10R-RTC/RSH-5.7/0.47C | 002875 | ea. | 23928 |
| | R | 26 | 57 mm | Cone | 10R-RTC/RSH-GT-5.7/0.47C | 002876 | ea. | 23929 |
| 25 µL | F | 26 | 57 mm | Cone | 25F-RTC/RSH-GT-5.7/0.47C 2 | 003866 | ea. | 23932 |
| 50 µL | F | 26 | 57 mm | Cone | 50F-RTC/RSH-GT-5.7/0.47C | 004866 | ea. | 23933 |
| 100 µL | F | 26 | 57 mm | Cone | 100F-RTC/RSH-GT-5.7/0.47(0.11)C | 005866 | ea. | 23934 |

SGE Syringes for PerkinElmer LC Autosamplers

| Volume | Vendor Model # | Vendor cat.# | qty. | cat.# |
|---------------------------|----------------|--------------|------|-------|
| 250 µL, 1/4-28 UNF Thread | 250D-CX-GT | 006995 | ea. | 22297 |
| 500 µL, 1/4-28 UNF Thread | 500D-CX-GT | 007995 | ea. | 22298 |



SGE Syringes for Waters WISP LC Autosamplers

| Volume | Vendor Model # | Vendor cat.# | qty. | cat.# |
|---------------------------|----------------|--------------|------|-------|
| 250 µL, 1/4-28 UNF Thread | 250D-WISP | 006690 | ea. | 22294 |



22294

SGE Syringes for CTC LC Autosamplers

| Volume | Needle Term. | Needle Gauge | Needle Length | Point Style | Vendor Model # | Vendor cat.# | qty. | cat.# |
|--------|--------------|--------------|---------------|-------------|----------------------|--------------|------|-------|
| 10 µL | F | 22s | 2"/51 mm | LC | 10F-CTC-LC | 002710 | ea. | 22737 |
| 100 µL | R | 22s | 2"/51 mm | LC | 100R-C/T-GT-LC | 005330 | ea. | 22741 |
| 500 µL | F | 22s | 2"/51 mm | LC | 500F-CTC-GT-LC(0.41) | 007720 | ea. | 22742 |



22741

1.0 mL WISP 96 Style, 8 x 40 mm Shell Vials

| Description | Type | Volume | Color | Material | Size | qty. | cat.# |
|---------------------|-------|-----------------------|-------|---------------|-----------|----------|-------|
| WISP 96 Style Vial, | Shell | 1.0 mL | Clear | Glass | 8 x 40 mm | 200-pk. | 24662 |
| | Shell | 1.0 mL | Clear | Glass | 8 x 40 mm | 1000-pk. | 24663 |
| | Shell | 1.0 mL | Amber | Glass | 8 x 40 mm | 200-pk. | 24664 |
| | Shell | 1.0 mL | Amber | Glass | 8 x 40 mm | 1000-pk. | 24665 |
| | Shell | 1.0 mL | Clear | Polypropylene | 8 x 40 mm | 200-pk. | 24678 |
| | Shell | 1.0 mL | Clear | Polypropylene | 8 x 40 mm | 1000-pk. | 24679 |
| | Shell | 700 µL Limited Volume | Clear | Polypropylene | 8 x 40 mm | 200-pk. | 24680 |
| | Shell | 700 µL Limited Volume | Clear | Polypropylene | 8 x 40 mm | 1000-pk. | 24681 |



8 mm Starburst Plugs sold separately.

1.5 mL Versa Vials, Polypropylene, 12 x 32 mm

| Description | Type | Volume | Color | Material | Size | qty. | cat.# |
|-------------|------------|--------|-------|---------------|------------|----------|-------|
| Versa Vial, | Versa Vial | 1.5 mL | Clear | Polypropylene | 12 x 32 mm | 100-pk. | 22705 |
| | Versa Vial | 1.5 mL | Clear | Polypropylene | 12 x 32 mm | 1000-pk. | 22706 |



22705



12 mm Versa Vial Plugs

| Description | Color | Material | qty. | cat.# |
|--|-------|-------------------------|----------|-----------------------|
| 12 mm Versa Vial Plug, | Green | Polyethylene | 100-pk. | 22713 |
| | Green | Polyethylene | 1000-pk. | 22714 |
| | Grey | Chlorobutyl/Siliconized | 100-pk. | 22715 |
| | Grey | Chlorobutyl/Siliconized | 1000-pk. | 22716 |
| | White | PTFE/Silicone | 100-pk. | 22717 |
| | White | PTFE/Silicone | 1000-pk. | 22718 |
| 12 mm Versa Vial Plug, Plug w/Slit (Eliminates needle damage to plug.) | White | PTFE/Silicone | 100-pk. | 22719 |
| | White | PTFE/Silicone | 1000-pk. | 22720 |



2.0 mL Big Mouth Step Design Screw-Thread Vials, 12 x 32 mm, 10 mm/425 Thread (vial only)

| Description | Type | Volume | Color | Size | qty. | cat.# |
|---|---------------------|--------|-------|------------|----------|-----------------------|
| Big Mouth Step Vial, w/White Graduated Marking Spot | 10-425 Screw-Thread | 2.0 mL | Clear | 12 x 32 mm | 100-pk. | 24626 |
| | 10-425 Screw-Thread | 2.0 mL | Clear | 12 x 32 mm | 1000-pk. | 24627 |
| | 10-425 Screw-Thread | 2.0 mL | Amber | 12 x 32 mm | 100-pk. | 24628 |
| | 10-425 Screw-Thread | 2.0 mL | Amber | 12 x 32 mm | 1000-pk. | 24629 |



2.0 mL Big Mouth Step Vial Kits w/Black Caps (preassembled)

| Description | Includes | qty. | cat.# |
|---|--|----------|-----------------------|
| Big Mouth Step Vial Kit (Preassembled), | Clear 2.0 mL Vial, Black Cap, PTFE/Silicone/Red PTFE Septa, 0.040" | 100-pk. | 24675 |
| | Clear 2.0 mL Vial, Black Cap, PTFE/Silicone/Red PTFE Septa, 0.040" | 1000-pk. | 24676 |
| | Clear 2.0 mL Vial, Black Cap, Red PTFE/Silicone Septa, 0.065" | 100-pk. | 24642 |
| | Clear 2.0 mL Vial, Black Cap, Red PTFE/Silicone Septa, 0.065" | 1000-pk. | 24643 |
| | Amber 2.0 mL Vial, Black Cap, Red PTFE/Silicone Septa, 0.065" | 100-pk. | 24644 |
| | Amber 2.0 mL Vial, Black Cap, Red PTFE/Silicone Septa, 0.065" | 1000-pk. | 24645 |



2.0 mL Preassembled Vial Kits 8 mm/425 Screw-Thread, Unmarked Vials, Septa, and Caps

| Description | Includes | Used with | qty. | cat.# |
|--|---|-----------------------------|----------|-----------------------|
| 8 mm Screw-Thread Vial Kit (Preassembled), | Clear 2.0 mL Vial, Black Cap, Red PTFE/Silicone Septa, 0.045" | Best fit for Shimadzu. | 100-pk. | 24630 |
| | Clear 2.0 mL Vial, Black Cap, Red PTFE/Silicone Septa, 0.045" | Best fit for Shimadzu. | 1000-pk. | 24631 |
| | Amber 2.0 mL Vial, Black Cap, Red PTFE/Silicone Septa, 0.045" | Best fit for Shimadzu. | 100-pk. | 24632 |
| | Amber 2.0 mL Vial, Black Cap, Red PTFE/Silicone Septa, 0.045" | Best fit for Shimadzu. | 1000-pk. | 24633 |
| | Clear 2.0 mL Vial, Black Cap, Red PTFE/Silicone Septa, 0.065" | Best fit for Bruker/Varian. | 100-pk. | 24634 |
| | Clear 2.0 mL Vial, Black Cap, Red PTFE/Silicone Septa, 0.065" | Best fit for Bruker/Varian. | 1000-pk. | 24635 |
| | Amber 2.0 mL Vial, Black Cap, Red PTFE/Silicone Septa, 0.065" | Best fit for Bruker/Varian. | 100-pk. | 24636 |
| | Amber 2.0 mL Vial, Black Cap, Red PTFE/Silicone Septa, 0.065" | Best fit for Bruker/Varian. | 1000-pk. | 24637 |



2.0 mL Sample Vial Racks

| Description | Size | qty. | cat.# |
|---|------------------|-------|-----------------------|
| Polypropylene Storage Rack for 12 x 32 mm Vials | 50 vials, 5 x 10 | ea. | 22856 |
| | 50 vials, 5 x 10 | 5-pk. | 22857 |



22856

2.0 mL Versa Vials, Glass, 12 x 32 mm

| Description | Type | Volume | Color | Material | Size | qty. | cat.# |
|----------------------------|------------|--------|-------|----------|------------|----------|-----------------------|
| Versa Vial, | Versa Vial | 2.0 mL | Clear | Glass | 12 x 32 mm | 100-pk. | 22701 |
| | Versa Vial | 2.0 mL | Clear | Glass | 12 x 32 mm | 1000-pk. | 22702 |
| | Versa Vial | 2.0 mL | Clear | Glass | 12 x 32 mm | 100-pk. | 22703 |
| Versa Vial, w/Marking Spot | Versa Vial | 2.0 mL | Clear | Glass | 12 x 32 mm | 1000-pk. | 22704 |
| | Versa Vial | 2.0 mL | Amber | Glass | 12 x 32 mm | 100-pk. | 22699 |
| | Versa Vial | 2.0 mL | Amber | Glass | 12 x 32 mm | 1000-pk. | 22700 |





2.0 mL, 11 mm Aluminum Crimp Seals with Septa

| Description | Type | Cap Size | Color | Material | Septa Material | qty. | Similar to Part # | cat.# |
|----------------|-----------|----------|--------|----------|----------------------|----------|-------------------|-------|
| Seals w/Septa, | Crimp-Top | 11 mm | Silver | Aluminum | PTFE/Natural Rubber | 100-pk. | Agilent 5181-1210 | 21174 |
| | Crimp-Top | 11 mm | Silver | Aluminum | PTFE/Natural Rubber | 1000-pk. | Agilent 5183-4498 | 21175 |
| | Crimp-Top | 11 mm | Blue | Aluminum | PTFE/Red Rubber | 100-pk. | | 24351 |
| | Crimp-Top | 11 mm | Blue | Aluminum | PTFE/Red Rubber | 1000-pk. | | 24352 |
| | Crimp-Top | 11 mm | Green | Aluminum | PTFE/Red Rubber | 100-pk. | | 24353 |
| | Crimp-Top | 11 mm | Green | Aluminum | PTFE/Red Rubber | 1000-pk. | | 24354 |
| | Crimp-Top | 11 mm | Red | Aluminum | PTFE/Red Rubber | 100-pk. | | 24355 |
| | Crimp-Top | 11 mm | Red | Aluminum | PTFE/Red Rubber | 1000-pk. | | 24356 |
| | Crimp-Top | 11 mm | Yellow | Aluminum | PTFE/Red Rubber | 100-pk. | | 24357 |
| | Crimp-Top | 11 mm | Yellow | Aluminum | PTFE/Red Rubber | 1000-pk. | | 24358 |
| | Crimp-Top | 11 mm | Mixed | Aluminum | PTFE/Rubber | 500-pk. | | 21724 |
| | Crimp-Top | 11 mm | Silver | Aluminum | PTFE/Silicone | 100-pk. | Agilent 5182-0552 | 24359 |
| | Crimp-Top | 11 mm | Silver | Aluminum | PTFE/Silicone | 1000-pk. | Agilent 5183-4500 | 24360 |
| | Crimp-Top | 11 mm | Blue | Aluminum | PTFE/Silicone | 100-pk. | | 24361 |
| | Crimp-Top | 11 mm | Blue | Aluminum | PTFE/Silicone | 1000-pk. | | 24362 |
| | Crimp-Top | 11 mm | Green | Aluminum | PTFE/Silicone | 100-pk. | | 24363 |
| | Crimp-Top | 11 mm | Green | Aluminum | PTFE/Silicone | 1000-pk. | | 24364 |
| | Crimp-Top | 11 mm | Red | Aluminum | PTFE/Silicone | 100-pk. | | 24365 |
| | Crimp-Top | 11 mm | Red | Aluminum | PTFE/Silicone | 1000-pk. | | 24366 |
| | Crimp-Top | 11 mm | Yellow | Aluminum | PTFE/Silicone | 100-pk. | | 24367 |
| | Crimp-Top | 11 mm | Yellow | Aluminum | PTFE/Silicone | 1000-pk. | | 24368 |
| | Crimp-Top | 11 mm | Mixed | Aluminum | PTFE/Silicone | 500-pk. | | 21725 |
| | Crimp-Top | 11 mm | Silver | Aluminum | PTFE/Silicone/PTFE | 100-pk. | | 24369 |
| | Crimp-Top | 11 mm | Silver | Aluminum | PTFE/Silicone/PTFE | 1000-pk. | | 24370 |
| | Crimp-Top | 11 mm | Silver | Aluminum | PTFE/Silicone w/Slit | 100-pk. | | 26562 |
| | Crimp-Top | 11 mm | Silver | Aluminum | PTFE/Silicone w/Slit | 1000-pk. | | 26563 |



21724

Choose preslit caps (available for some vials) to reduce the risk of needle bending, release vacuum from high-volume injections, and improve injection reproducibility when greater than 20% of vial volume is withdrawn.

2.0 mL, 11 mm Crimp Vial Convenience Kits (Vials, Caps, & Septa)

| Description | Includes | qty. | cat.# |
|-----------------------------|--|----------|-------|
| Crimp Vial Convenience Kit, | Clear 2.0 mL Vial, Deactivated, Silver Seal, PTFE/Natural Rubber Septa | 100-pk. | 24671 |
| | Clear 2.0 mL Vial, Deactivated, Silver Seal, PTFE/Natural Rubber Septa | 1000-pk. | 24672 |
| | Amber 2.0 mL Vial, Deactivated, Silver Seal, PTFE/Natural Rubber Septa | 100-pk. | 24673 |
| | Amber 2.0 mL Vial, Deactivated, Silver Seal, PTFE/Natural Rubber Septa | 1000-pk. | 24674 |
| | Clear 2.0 mL Vial, Untreated, Silver Seal, PTFE/Natural Rubber Septa | 100-pk. | 21196 |
| | Clear 2.0 mL Vial, Untreated, Silver Seal, PTFE/Natural Rubber Septa | 1000-pk. | 21197 |
| | Amber 2.0 mL Vial, Untreated, Silver Seal, PTFE/Natural Rubber Septa | 100-pk. | 21198 |
| | Amber 2.0 mL Vial, Untreated, Silver Seal, PTFE/Natural Rubber Septa | 1000-pk. | 21199 |
| | Clear 2.0 mL Vial, Untreated, Silver Seal, PTFE/Silicone Septa | 100-pk. | 24646 |
| | Clear 2.0 mL Vial, Untreated, Silver Seal, PTFE/Silicone Septa | 1000-pk. | 24647 |
| | Amber 2.0 mL Vial, Untreated, Silver Seal, PTFE/Silicone Septa | 100-pk. | 24648 |
| | Amber 2.0 mL Vial, Untreated, Silver Seal, PTFE/Silicone Septa | 1000-pk. | 24649 |



21196

2.0 mL, 11 mm Crimp-Top Vial with 100 µL Insert

| Description | Type | Volume | Color | Material | qty. | Similar to Part # | cat.# |
|---|-----------------|--------|-------|----------|----------|-------------------|-------|
| Vial with Insert, w/100 µL Polypropylene Insert | 11 mm Crimp-Top | 2.0 mL | Clear | Plastic | 100-pk. | Agilent 9301-0978 | 24651 |
| | 11 mm Crimp-Top | 2.0 mL | Clear | Plastic | 1000-pk. | | 24652 |
| Vial with Insert, w/100 µL Glass Insert | 11 mm Crimp-Top | 2.0 mL | Clear | Plastic | 100-pk. | Agilent 9301-0977 | 24653 |



24651

2.0 mL, 11 mm Crimp-Top Vials, 12 x 32 mm

| Description | Type | Volume | Color | Material | Size | qty. | Similar to Part # | cat.# |
|--------------------------------------|-----------------|--------|-------|----------|------------|----------|-------------------|--------|
| Vial, w/White Graduated Marking Spot | 11 mm Crimp-Top | 2.0 mL | Clear | Glass | 12 x 32 mm | 100-pk. | Agilent 5182-0543 | 24383 |
| | 11 mm Crimp-Top | 2.0 mL | Clear | Glass | 12 x 32 mm | 1000-pk. | Agilent 5183-4492 | 24384 |
| Vial, w/Blue Graduated Marking Spot | 11 mm Crimp-Top | 2.0 mL | Clear | Glass | 12 x 32 mm | 1000-pk. | | 24384B |
| Vial, w/Green Graduated Marking Spot | 11 mm Crimp-Top | 2.0 mL | Clear | Glass | 12 x 32 mm | 1000-pk. | | 24384G |



Continued



| Description | Type | Volume | Color | Material | Size | qty. | Similar to Part # | cat.# |
|---------------------------------------|-----------------|--------|-------|----------|------------|----------|-------------------|--------|
| Vial, w/Rust Graduated Marking Spot | 11 mm Crimp-Top | 2.0 mL | Clear | Glass | 12 x 32 mm | 1000-pk. | | 24384R |
| Vial, w/Yellow Graduated Marking Spot | 11 mm Crimp-Top | 2.0 mL | Clear | Glass | 12 x 32 mm | 1000-pk. | | 24384Y |
| Vial, w/White Graduated Marking Spot | 11 mm Crimp-Top | 2.0 mL | Amber | Glass | 12 x 32 mm | 100-pk. | Agilent 5181-3376 | 24385 |
| | 11 mm Crimp-Top | 2.0 mL | Amber | Glass | 12 x 32 mm | 1000-pk. | Agilent 5183-4493 | 24386 |
| Vial, without Graduated Marking Spot | 11 mm Crimp-Top | 2.0 mL | Clear | Glass | 12 x 32 mm | 100-pk. | | 21152 |
| | 11 mm Crimp-Top | 2.0 mL | Clear | Glass | 12 x 32 mm | 1000-pk. | | 21153 |

2.0 mL, 11 mm GC Snap Ring Cap with Septum

| Description | Type | Cap Size | Color | Material | Septa Material | qty. | Similar to Part # | cat.# |
|-------------------------|----------|----------|-------|---------------|-------------------|----------|-------------------|-------|
| Snap Ring Cap w/Liner, | Snap-Top | 11 mm | Clear | Polypropylene | PTFE, 10 mil | 100-pk. | | 21729 |
| | Snap-Top | 11 mm | Clear | Polypropylene | PTFE, 10 mil | 1000-pk. | | 21730 |
| Snap Ring Cap w/Septum, | Snap-Top | 11 mm | Clear | Polypropylene | PTFE/Butyl Rubber | 100-pk. | Agilent 8010-0104 | 21731 |
| | Snap-Top | 11 mm | Clear | Polypropylene | PTFE/Butyl Rubber | 1000-pk. | | 21732 |
| | Snap-Top | 11 mm | Clear | Polypropylene | PTFE/Silicone | 100-pk. | Agilent 8010-0106 | 21733 |
| | Snap-Top | 11 mm | Clear | Polypropylene | PTFE/Silicone | 1000-pk. | | 21734 |



21731

2.0 mL, 11 mm Poly Crimp Seal Caps: Snap-On or Crimp

| Description | Type | Cap Size | Color | Septa Material | qty. | cat.# |
|-----------------------------|---------------------|---------------------|-------|--------------------------------|----------------------|---------|
| Poly Crimp Seals and Liner, | Crimp-Top, Snap-Top | 11 mm | Clear | PTFE/Butyl Rubber | 100-pk. | 24433 |
| | Crimp-Top, Snap-Top | 11 mm | Clear | PTFE/Butyl Rubber | 1000-pk. | 24434 |
| | Crimp-Top, Snap-Top | 11 mm | Clear | PTFE/Silicone | 100-pk. | 24443 |
| | Crimp-Top, Snap-Top | 11 mm | Clear | PTFE/Silicone | 1000-pk. | 24444 |
| | Crimp-Top, Snap-Top | 11 mm | Blue | PTFE/Silicone | 100-pk. | 24445 |
| | Crimp-Top, Snap-Top | 11 mm | Blue | PTFE/Silicone | 1000-pk. | 24446 |
| | Crimp-Top, Snap-Top | 11 mm | Clear | PTFE/Silicone/PTFE | 100-pk. | 24453 |
| | Crimp-Top, Snap-Top | 11 mm | Clear | PTFE/Silicone/PTFE | 1000-pk. | 24454 |
| | Crimp-Top, Snap-Top | 11 mm | Blue | PTFE/Silicone/PTFE | 100-pk. | 24455 |
| | Crimp-Top, Snap-Top | 11 mm | Blue | PTFE/Silicone/PTFE | 1000-pk. | 24456 |
| | Crimp-Top, Snap-Top | 11 mm | Mixed | PTFE/Silicone/PTFE | 400-pk. | 21728 |
| | Snap Top Vial Caps, | Crimp-Top, Snap-Top | 11 mm | Clear | PTFE/Silicone w/Slit | 100-pk. |
| Crimp-Top, Snap-Top | | 11 mm | Clear | PTFE/Silicone w/Slit | 1000-pk. | 26565 |
| Crimp-Top, Snap-Top | | 11 mm | Clear | PTFE/Silicone/PTFE w/Starburst | 100-pk. | 26566 |
| Crimp-Top, Snap-Top | | 11 mm | Clear | PTFE/Silicone/PTFE w/Starburst | 1000-pk. | 26567 |
| Crimp-Top, Snap-Top | | 11 mm | Clear | PTFE/Silicone w/Starburst | 100-pk. | 26568 |
| Crimp-Top, Snap-Top | | 11 mm | Clear | PTFE/Silicone w/Starburst | 1000-pk. | 26569 |
| Crimp-Top, Snap-Top | | 11 mm | Blue | PTFE/Silicone w/Starburst | 100-pk. | 26570 |
| Crimp-Top, Snap-Top | | 11 mm | Blue | PTFE/Silicone w/Starburst | 1000-pk. | 26571 |



24434

Choose preslit caps (available for some vials) to reduce the risk of needle bending, release vacuum from high-volume injections, and improve injection reproducibility when greater than 20% of vial volume is withdrawn.

2.0 mL, 8 mm Autosampler Vial Convenience Kits

| Description | Includes | qty. | cat.# |
|-----------------------------------|--|----------|-------|
| Autosampler Vial Convenience Kit, | Clear 2.0 mL Vial, Silcote Deactivated, Black Cap, Red PTFE/Silicone Septa, 0.065" | 100-pk. | 24638 |
| | Clear 2.0 mL Vial, Silcote Deactivated, Black Cap, Red PTFE/Silicone Septa, 0.065" | 1000-pk. | 24639 |
| | Amber 2.0 mL Vial, Silcote Deactivated, Black Cap, Red PTFE/Silicone Septa, 0.065" | 100-pk. | 24640 |
| | Amber 2.0 mL Vial, Silcote Deactivated, Black Cap, Red PTFE/Silicone Septa, 0.065" | 1000-pk. | 24641 |
| | Clear 2.0 mL Vial, Untreated, Black Cap, Red PTFE/Silicone Septa, 0.065" | 100-pk. | 21192 |
| | Clear 2.0 mL Vial, Untreated, Black Cap, Red PTFE/Silicone Septa, 0.065" | 1000-pk. | 21193 |
| | Amber 2.0 mL Vial, Untreated, Black Cap, Red PTFE/Silicone Septa, 0.065" | 100-pk. | 21194 |
| | Amber 2.0 mL Vial, Untreated, Black Cap, Red PTFE/Silicone Septa, 0.065" | 1000-pk. | 21195 |



21194

2.0 mL, 8 mm Caps and Septa (preassembled)

| Description | Type | Cap Size | Color | Septa Material | qty. | cat.# |
|-------------------------------|--------------|----------|-------|---------------------------|----------|-------|
| Caps and Septa, Preassembled, | Screw-Thread | 8-425 | Black | Red PTFE/Silicone, 0.065" | 100-pk. | 21149 |
| | Screw-Thread | 8-425 | Black | Red PTFE/Silicone, 0.065" | 1000-pk. | 21720 |



21149

Continued



| Description | Type | Cap Size | Color | Septa Material | qty. | cat.# |
|---------------------------------------|--------------|----------|-------|----------------------------------|----------|-------|
| Caps and Septa, Preassembled, Top Hat | Screw-Thread | 8-425 | Black | PTFE/Silicone | 100-pk. | 21721 |
| | Screw-Thread | 8-425 | Black | PTFE/Silicone | 1000-pk. | 21722 |
| Vial Caps & Septa, | Screw-Thread | 8-425 | Black | Red PTFE/Silicone, 0.060" w/Slit | 100-pk. | 26582 |
| | Screw-Thread | 8-425 | Black | Red PTFE/Silicone, 0.060" w/Slit | 1000-pk. | 26583 |
| Vial Caps & Septa, Flangeless | Screw-Thread | 8-425 | Black | Red PTFE/Silicone, 0.060" w/Slit | 100-pk. | 26584 |
| | Screw-Thread | 8-425 | Black | Red PTFE/Silicone, 0.060" w/Slit | 1000-pk. | 26585 |

Choose preslit caps (available for some vials) to reduce the risk of needle bending, release vacuum from high-volume injections, and improve injection reproducibility when greater than 20% of vial volume is withdrawn.

2.0 mL, 8 mm Screw-Thread Vials (vial only)

| Description | Type | Volume | Color | Size | qty. | Similar to Part # | cat.# |
|--------------------------------------|--------------------|--------|-------|------------|----------|-------------------|-------|
| Vial, w/White Graduated Marking Spot | 8-425 Screw-Thread | 2.0 mL | Clear | 12 x 32 mm | 100-pk. | Agilent 8010-0010 | 24619 |
| | 8-425 Screw-Thread | 2.0 mL | Clear | 12 x 32 mm | 1000-pk. | | 24620 |
| | 8-425 Screw-Thread | 2.0 mL | Amber | 12 x 32 mm | 100-pk. | | 24621 |
| | 8-425 Screw-Thread | 2.0 mL | Amber | 12 x 32 mm | 1000-pk. | | 24622 |



2.0 mL, 8 mm Screw-Thread Vials with 100 µL Insert

| Description | Type | Volume | Color | Material | Size | qty. | cat.# |
|-------------------------------------|--------------------|--------|-------|----------|------------|----------|-------|
| Vial, w/100 µL Polypropylene Insert | 8-425 Screw-Thread | 2.0 mL | Clear | Plastic | 12 x 32 mm | 100-pk. | 24623 |
| | 8-425 Screw-Thread | 2.0 mL | Clear | Plastic | 12 x 32 mm | 1000-pk. | 24624 |
| Vial, w/100 µL Glass Insert | 8-425 Screw-Thread | 2.0 mL | Clear | Plastic | 12 x 32 mm | 100-pk. | 24625 |



24623

Amber plastic vial with clear glass insert available on request. (1000-packs only)

2.0 mL, 9 mm Screw-Thread Vial Convenience Kits (Vials, Caps, & Septa)

| Description | Includes | qty. | cat.# |
|-----------------------------|---|----------|-------|
| 2 mL Screw Thread Vial Kit, | Clear Vial w/Graduated Marking Spot, 9 mm, Blue Cap PTFE/Butyl Rubber Liner | 100-pk. | 26590 |
| | Clear Vial w/Graduated Marking Spot, 9 mm, Blue Cap PTFE/Butyl Rubber Liner | 1000-pk. | 26591 |
| | Clear Vial w/Graduated Marking Spot, 9 mm, Blue Cap PTFE/Silicone Liner | 100-pk. | 26592 |
| | Clear Vial w/Graduated Marking Spot, 9 mm, Blue Cap PTFE/Silicone Liner | 1000-pk. | 26593 |
| | Amber Vial w/Graduated Marking Spot, 9 mm, Blue Cap PTFE/Butyl Rubber Liner | 100-pk. | 26594 |
| | Amber Vial w/Graduated Marking Spot, 9 mm, Blue Cap PTFE/Butyl Rubber Liner | 1000-pk. | 26595 |
| | Amber Vial w/Graduated Marking Spot, 9 mm, Blue Cap PTFE/Silicone Liner | 100-pk. | 26596 |
| | Amber Vial w/Graduated Marking Spot, 9 mm, Blue Cap PTFE/Silicone Liner | 1000-pk. | 26597 |



26590

2.0 mL, 9 mm Short-Cap, Screw-Thread Vials (vial only)

| Description | Type | Volume | Color | Size | qty. | Similar to Part # | cat.# |
|--|--------------------|--------|-------|------------|----------|------------------------------|-------|
| Short-Cap Vial, w/White Graduated Marking Spot | 9-425 Screw-Thread | 2.0 mL | Clear | 12 x 32 mm | 100-pk. | Agilent 5182-0715, 8010-0014 | 21140 |
| | 9-425 Screw-Thread | 2.0 mL | Clear | 12 x 32 mm | 1000-pk. | Agilent 5183-2068 | 21141 |
| | 9-425 Screw-Thread | 2.0 mL | Amber | 12 x 32 mm | 100-pk. | Agilent 5182-0716 | 21142 |
| | 9-425 Screw-Thread | 2.0 mL | Amber | 12 x 32 mm | 1000-pk. | Agilent 5183-2069 | 21143 |
| Short-Cap Vial, without Graduated Marking Spot | 9-425 Screw-Thread | 2.0 mL | Clear | 12 x 32 mm | 100-pk. | Agilent 5182-0714 | 21154 |
| | 9-425 Screw-Thread | 2.0 mL | Clear | 12 x 32 mm | 1000-pk. | | 21155 |





2.0 mL, 9 mm Short-Cap, Screw-Vial Closures (Polypropylene, preassembled)

| Description | Type | Cap Size | Color | Septa Material | qty. | Similar to Part # | cat.# |
|-------------------|----------------------|----------|----------------------|--------------------------------------|----------|------------------------------|-------|
| Short Screw Caps, | Ribbed, Screw-Thread | 9-425 | Blue | PTFE/Butyl Rubber, for Agilent 7693A | 100-pk. | Agilent 5182-0717 | 26598 |
| | Ribbed, Screw-Thread | 9-425 | Blue | PTFE/Butyl Rubber, for Agilent 7693A | 1000-pk. | Agilent 5182-0717 | 26599 |
| | Screw-Thread | 9-425 | Blue | PTFE/Butyl Rubber | 100-pk. | Agilent 5182-0717 | 24473 |
| | Screw-Thread | 9-425 | Blue | PTFE/Butyl Rubber | 1000-pk. | | 24474 |
| | Screw-Thread | 9-425 | Mixed | PTFE/Butyl Rubber | 500-pk. | | 24668 |
| | Ribbed, Screw-Thread | 9-425 | Blue | PTFE/Silicone, for Agilent 7693A | 100-pk. | | 23841 |
| | Ribbed, Screw-Thread | 9-425 | Blue | PTFE/Silicone, for Agilent 7693A | 1000-pk. | | 23842 |
| | Screw-Thread | 9-425 | Blue | PTFE/Silicone | 100-pk. | Agilent 5182-0720 | 24485 |
| | Screw-Thread | 9-425 | Blue | PTFE/Silicone | 1000-pk. | Agilent 5185-5820, 5190-1599 | 24486 |
| | Screw-Thread | 9-425 | Green | PTFE/Silicone | 100-pk. | | 24487 |
| | Screw-Thread | 9-425 | Green | PTFE/Silicone | 1000-pk. | Agilent 5185-5864 | 24488 |
| | Screw-Thread | 9-425 | Yellow | PTFE/Silicone | 100-pk. | | 24493 |
| | Screw-Thread | 9-425 | Yellow | PTFE/Silicone | 1000-pk. | | 24494 |
| | Screw-Thread | 9-425 | Mixed | PTFE/Silicone | 500-pk. | | 24669 |
| | Screw-Thread | 9-425 | Blue | PTFE/Silicone/PTFE | 100-pk. | Agilent 5182-0723 | 24497 |
| | Screw-Thread | 9-425 | Blue | PTFE/Silicone/PTFE | 1000-pk. | | 24498 |
| | Screw-Thread | 9-425 | Black | PTFE/Silicone/PTFE | 100-pk. | | 24495 |
| | Screw-Thread | 9-425 | Black | PTFE/Silicone/PTFE | 1000-pk. | | 24496 |
| | Screw-Thread | 9-425 | Natural | PTFE/Silicone/PTFE | 100-pk. | | 24501 |
| | Screw-Thread | 9-425 | Natural | PTFE/Silicone/PTFE | 1000-pk. | | 24502 |
| | Screw-Thread | 9-425 | Red | PTFE/Silicone/PTFE | 100-pk. | | 24503 |
| | Screw-Thread | 9-425 | Red | PTFE/Silicone/PTFE | 1000-pk. | | 24504 |
| | Screw-Thread | 9-425 | Green | PTFE/Silicone/PTFE | 100-pk. | | 24499 |
| | Screw-Thread | 9-425 | Green | PTFE/Silicone/PTFE | 1000-pk. | | 24500 |
| | Screw-Thread | 9-425 | Yellow | PTFE/Silicone/PTFE | 100-pk. | | 24505 |
| | Screw-Thread | 9-425 | Yellow | PTFE/Silicone/PTFE | 1000-pk. | | 24506 |
| | Screw-Thread | 9-425 | Mixed | PTFE/Silicone/PTFE | 500-pk. | | 24670 |
| | Screw-Thread | 9-425 | Black | PTFE/Silicone w/Slit | 100-pk. | | 26572 |
| | Screw-Thread | 9-425 | Black | PTFE/Silicone w/Slit | 1000-pk. | | 26573 |
| | Screw-Thread | 9-425 | Green | PTFE/Silicone w/Slit | 100-pk. | | 26574 |
| Screw-Thread | 9-425 | Green | PTFE/Silicone w/Slit | 1000-pk. | | 26575 | |
| Screw-Thread | 9-425 | Red | PTFE/Silicone w/Slit | 100-pk. | | 26576 | |
| Screw-Thread | 9-425 | Red | PTFE/Silicone w/Slit | 1000-pk. | | 26577 | |
| Screw-Thread | 9-425 | Blue | PTFE/Silicone w/Slit | 100-pk. | | 26578 | |
| Screw-Thread | 9-425 | Blue | PTFE/Silicone w/Slit | 1000-pk. | | 26579 | |
| Screw-Thread | 9-425 | Yellow | PTFE/Silicone w/Slit | 100-pk. | | 26580 | |
| Screw-Thread | 9-425 | Yellow | PTFE/Silicone w/Slit | 1000-pk. | | 26581 | |



24668

Choose preslit caps (available for some vials) to reduce the risk of needle bending, release vacuum from high-volume injections, and improve injection reproducibility when greater than 20% of vial volume is withdrawn.

2.0 mL, 9 mm Solid-Top Polyethylene Caps

| Description | Type | Cap Size | Color | qty. | Similar to Part # | cat.# |
|---|--------------|----------|-------|----------|-------------------|-------|
| 2.0 mL, 9 mm Solid-Top Polyethylene Caps, | Screw-Thread | 9 mm | Clear | 100-pk. | Waters 186004169 | 23244 |
| | Screw-Thread | 9 mm | Clear | 1000-pk. | Waters 186004169 | 23247 |



23244

4.0 mL WISP 48 Caps and Septa

| Description | Type | Cap Size | Material | Septa Material | Size | Used with | qty. | cat.# |
|---------------------------------------|--------------|----------|--------------------------------|----------------------------------|------|-----------|----------|-------|
| WISP 48 Caps and Septa, Top Hat, | Screw-Thread | 13-425 | | PTFE/Silicone | | | 100-pk. | 21745 |
| | Screw-Thread | 13-425 | | PTFE/Silicone | | | 1000-pk. | 21746 |
| WISP 48 Caps and Septa, Preassembled, | Screw-Thread | 13-425 | | Red PTFE/Silicone, 0.065" | | | 100-pk. | 21743 |
| | Screw-Thread | 13-425 | | Red PTFE/Silicone, 0.065" | | | 1000-pk. | 21744 |
| Vial Caps & Septa, | Screw-Thread | 13-425 | Black Polypropylene, Open-Hole | Red PTFE/Silicone, 0.060" w/Slit | | | 100-pk. | 26588 |
| | Screw-Thread | 13-425 | Black Polypropylene, Open-Hole | Red PTFE/Silicone, 0.060" w/Slit | | | 1000-pk. | 26589 |
| WISP 48 Caps, | Screw-Thread | 13-425 | Black Polypropylene, Open-Hole | | | | 100-pk. | 21741 |
| | Screw-Thread | 13-425 | Black Polypropylene, Open-Hole | | | | 1000-pk. | 21742 |



Continued



| Description | Type | Cap Size | Material | Septa Material | Size | Used with | qty. | cat.# |
|-------------|------|----------|----------|--------------------------------|----------------|---------------------|----------|-------|
| Septa, | | | | Red PTFE/Silicone/PTFE, 0.040" | 13 mm x 0.040" | 4.0 mL WISP 48 Caps | 100-pk. | 21751 |
| | | | | Red PTFE/Silicone/PTFE, 0.040" | 13 mm x 0.040" | 4.0 mL WISP 48 Caps | 1000-pk. | 21752 |
| | | | | Red PTFE/Silicone, 0.060" | 13 mm x 0.060" | 4.0 mL WISP 48 Caps | 100-pk. | 21749 |
| | | | | Red PTFE/Silicone, 0.060" | 13 mm x 0.060" | 4.0 mL WISP 48 Caps | 1000-pk. | 21750 |

Choose preslit caps (available for some vials) to reduce the risk of needle bending, release vacuum from high-volume injections, and improve injection reproducibility when greater than 20% of vial volume is withdrawn.

4.0 mL WISP 48 Screw-Thread Step Vials, 15 x 45 mm, 13-425 (vials only)

| Description | Type | Volume | Color | Size | qty. | cat.# |
|---|---------------------|--------|-------|------------|----------|-------|
| WISP 48 Step Vial, w/White Graduated Marking Spot | 13-425 Screw-Thread | 4.0 mL | Clear | 15 x 45 mm | 100-pk. | 24654 |
| | 13-425 Screw-Thread | 4.0 mL | Clear | 15 x 45 mm | 1000-pk. | 24655 |
| | 13-425 Screw-Thread | 4.0 mL | Amber | 15 x 45 mm | 100-pk. | 24656 |
| | 13-425 Screw-Thread | 4.0 mL | Amber | 15 x 45 mm | 1000-pk. | 24657 |



4.0 mL WISP 48 Snap Seal 13 mm Crimp-Top Vial, 15 x 45 mm (vial only)

| Description | Type | Volume | Color | Size | qty. | cat.# |
|--|-----------------|--------|-------|------------|----------|-------|
| WISP 48 Snap Seal Vial, w/White Graduated Marking Spot | 13 mm Crimp-Top | 4.0 mL | Clear | 15 x 45 mm | 100-pk. | 24658 |
| | 13 mm Crimp-Top | 4.0 mL | Clear | 15 x 45 mm | 1000-pk. | 24659 |

24658



60 mL Sample Collection Vials for ASE 200 Systems

| Description | Type | Volume | Cap Size | Color | Material | qty. | Similar to Part # | cat.# |
|-------------------------------|---------------------|--------|----------|-------|----------|--------|----------------------|-------|
| Collection Vials for ASE 200, | 24-400 Screw-Thread | 60 mL | 24-400 | Clear | Glass | 72-pk. | Thermo/Dionex 048784 | 26121 |
| | 24-400 Screw-Thread | 60 mL | 24-400 | Amber | Glass | 72-pk. | Thermo/Dionex 048781 | 26122 |



8 mm Starburst Plugs for Shell Vials, 1.0 mL WISP 96 Style, 8 x 40 mm

| Description | Color | Material | Used with | qty. | cat.# |
|---|-------|--------------|--|----------|-------|
| 8 mm Starburst Snap Plugs, | Clear | Polyethylene | Shell Vials, 1.0 mL WISP 96 Style, 8 x 40 mm | 200-pk. | 21769 |
| | Clear | Polyethylene | Shell Vials, 1.0 mL WISP 96 Style, 8 x 40 mm | 1000-pk. | 21770 |
| 8 mm Starburst Snap Plugs, Conical | Clear | Polyethylene | Shell Vials, 1.0 mL WISP 96 Style, 8 x 40 mm | 200-pk. | 21771 |
| | Clear | Polyethylene | Shell Vials, 1.0 mL WISP 96 Style, 8 x 40 mm | 1000-pk. | 21772 |
| 8 mm Starburst Snap Plugs, Silicone-Lined | Clear | Polyethylene | Shell Vials, 1.0 mL WISP 96 Style, 8 x 40 mm | 200-pk. | 21773 |
| | Clear | Polyethylene | Shell Vials, 1.0 mL WISP 96 Style, 8 x 40 mm | 1000-pk. | 21774 |

21769



Aluminum Seals w/Septa for 4.0 mL WISP Crimp-Top Vials

| Description | Type | Cap Size | Color | Material | Septa Material | qty. | cat.# |
|------------------------|-----------|----------|--------|----------|-------------------|----------|-------|
| WISP 48 Seals w/Septa, | Crimp-Top | 13 mm | Silver | Aluminum | PTFE/Butyl Rubber | 100-pk. | 21753 |
| | Crimp-Top | 13 mm | Silver | Aluminum | PTFE/Butyl Rubber | 1000-pk. | 21754 |
| | Crimp-Top | 13 mm | Silver | Aluminum | PTFE/Silicone | 100-pk. | 21755 |

21753



Aluminum Seals w/Septa, 20 mm, preassembled

| Description | Type | Cap Size | Color | Material | Septa Material | qty. | cat.# |
|----------------------------------|-----------|----------|--------|----------|------------------------|----------|-------|
| Seals w/Septa, | Crimp-Top | 20 mm | Silver | Aluminum | PTFE/Gray Butyl Rubber | 100-pk. | 21761 |
| | Crimp-Top | 20 mm | Silver | Aluminum | PTFE/Gray Butyl Rubber | 1000-pk. | 21762 |
| | Crimp-Top | 20 mm | Silver | Aluminum | PTFE/Silicone | 100-pk. | 21763 |
| Pressure Release Seals w/Septa*, | Crimp-Top | 20 mm | Silver | Aluminum | PTFE/Silicone | 1000-pk. | 21764 |
| | Crimp-Top | 20 mm | Silver | Aluminum | PTFE/Gray Butyl Rubber | 100-pk. | 21765 |
| | Crimp-Top | 20 mm | Silver | Aluminum | PTFE/Gray Butyl Rubber | 1000-pk. | 21766 |
| | Crimp-Top | 20 mm | Silver | Aluminum | PTFE/Silicone | 100-pk. | 21767 |
| | Crimp-Top | 20 mm | Silver | Aluminum | PTFE/Silicone | 1000-pk. | 21768 |



*Pressure release point: 3.0 bar ± 0.5 bar



Base with Mounting Kit for High-Power Crimping Tool

| Description | qty. | cat.# |
|---|------|-------|
| Base with mounting kit for high-power crimping tool | ea. | 23423 |



23423

Caps and Septa for 2.0 mL Big Mouth Step Vials (preassembled)

| Description | Type | Cap Size | Color | Septa Material | qty. | cat.# |
|----------------------------------|--------------|----------|-------|----------------------------------|----------|-------|
| Vial Caps & Septa, Preassembled, | Screw-Thread | 10-425 | Black | Red PTFE/White Silicone, 0.060" | 1000-pk. | 24677 |
| | Screw-Thread | 10-425 | Black | PTFE/Silicone/PTFE, 0.040" | 1000-pk. | 21723 |
| | Screw-Thread | 10-425 | Black | Red PTFE/Silicone, 0.060" w/Slit | 100-pk. | 26586 |
| | Screw-Thread | 10-425 | Black | Red PTFE/Silicone, 0.060" w/Slit | 1000-pk. | 26587 |



24677

Choose preslit caps (available for some vials) to reduce the risk of needle bending, release vacuum from high-volume injections, and improve injection reproducibility when greater than 20% of vial volume is withdrawn.

Caps for 2.0 mL, 8 mm Screw-Thread Vials

| Description | Type | Cap Size | Color | Material | qty. | cat.# |
|-----------------|--------------|----------|-------|---------------|----------|-------|
| Caps, Open-Hole | Screw-Thread | 8-425 | Black | Polypropylene | 100-pk. | 21176 |
| | Screw-Thread | 8-425 | Black | Polypropylene | 1000-pk. | 21177 |



21176

Certified Autosampler Vial Kits Certified 2.0 mL Screw-Thread Vials

| Description | Includes | qty. | Similar to Part # | cat.# |
|---------------------------------|--|---------|-------------------|-------|
| Certified Autosampler Vial Kit, | Assembled Clear 2.0 mL Vial w/Marking Spot, Cap, Bonded PTFE/Silicone Slit Septa | 100-pk. | Agilent 5183-2071 | 22789 |
| | Assembled Amber 2.0 mL Vial w/Marking Spot, Cap, Bonded PTFE/Silicone Slit Septa | 100-pk. | Agilent 5183-2072 | 22788 |
| | Unassembled Clear 2.0 mL Vial w/Marking Spot, Cap, Bonded PTFE/Silicone Septa | 100-pk. | | 22792 |
| | Unassembled Clear 2.0 mL High-Recovery Vial w/Marking Spot, Cap, Bonded PTFE/Silicone Slit Septa | 100-pk. | | 22793 |
| | Unassembled Amber 2.0 mL Vial w/Marking Spot, Cap, Bonded PTFE/Silicone Septa | 100-pk. | | 22790 |
| | Unassembled Amber 2.0 mL Vial w/Marking Spot, Cap, Bonded PTFE/Silicone Slit Septa | 100-pk. | | 22791 |



Crimping Tool Stand

| Description | qty. | cat.# |
|---------------------|------|-------|
| Crimping Tool Stand | ea. | 23475 |



23475

Easy Grip Manual Crimpers and Decappers

| Description | Size | qty. | cat.# |
|-------------|-------|------|-------|
| Crimper | 11 mm | ea. | 23396 |
| Decapper | 11 mm | ea. | 23397 |
| Crimper | 20 mm | ea. | 23398 |
| Decapper | 20 mm | ea. | 23399 |



23397

Electronic Rechargeable Crimpers and Decappers with OLED Display Screen

| Description | Size | Certification/Compliance | qty. | cat.# |
|---|-------|--------------------------|------|-------|
| Electronic Rechargeable Crimper with OLED Display Screen | 11 mm | CE, RoHS, REACH | kit | 23234 |
| | 20 mm | CE, RoHS, REACH | kit | 23235 |
| Electronic Rechargeable Decapper with OLED Display Screen | 11 mm | CE, RoHS, REACH | kit | 23237 |
| | 20 mm | CE, RoHS, REACH | kit | 23238 |



23234

Note: Not suitable for all-steel or bi-metal caps—please use a high-power electronic crimping tool (cat.# 23236) for these materials.

Headspace Crimp Vials, 20 mm

| Description | Type | Volume | Color | Size | qty. | Similar to Part # | cat.# |
|-----------------------------|-----------------|--------|-------|------------|----------|-------------------|-------|
| Headspace Vial, Flat Bottom | 20 mm Crimp-Top | 6 mL | Clear | 22 x 38 mm | 100-pk. | | 21166 |
| | 20 mm Crimp-Top | 6 mL | Clear | 22 x 38 mm | 1000-pk. | | 21167 |
| | 20 mm Crimp-Top | 10 mL | Clear | 23 x 46 mm | 100-pk. | Agilent 8010-0029 | 24683 |
| | 20 mm Crimp-Top | 10 mL | Clear | 23 x 46 mm | 1000-pk. | | 24684 |



Continued



| Description | Type | Volume | Color | Size | qty. | Similar to Part # | cat.# |
|---|-----------------|--------|-------|------------|----------|-------------------|-----------|
| Headspace Vial, Rounded Bottom | 20 mm Crimp-Top | 10 mL | Clear | 23 x 46 mm | 100-pk. | | 21164 |
| | 20 mm Crimp-Top | 10 mL | Clear | 23 x 46 mm | 1000-pk. | | 21165 |
| Headspace Vial, Rounded Bottom, Deactivated | 20 mm Crimp-Top | 10 mL | Clear | 23 x 46 mm | 1000-pk. | | 21165-221 |
| Headspace Vial, Flat Bottom | 20 mm Crimp-Top | 20 mL | Clear | 23 x 75 mm | 100-pk. | Agilent 8010-0033 | 24685 |
| | 20 mm Crimp-Top | 20 mL | Clear | 23 x 75 mm | 1000-pk. | | 24686 |
| Headspace Vial, Rounded Bottom | 20 mm Crimp-Top | 20 mL | Clear | 23 x 75 mm | 100-pk. | | 21162 |
| | 20 mm Crimp-Top | 20 mL | Clear | 23 x 75 mm | 1000-pk. | | 21163 |
| Headspace Vial, Flat Bottom | 20 mm Crimp-Top | 27 mL | Clear | 30 x 60 mm | 100-pk. | | 21160 |
| | 20 mm Crimp-Top | 27 mL | Clear | 30 x 60 mm | 1000-pk. | | 21161 |

Headspace Screw-Thread Vials, 18 mm

| Description | Type | Volume | Color | Size | qty. | cat.# |
|--------------------------------|---------------------|--------|-------|------------|----------|-------|
| Headspace Vial, Rounded Bottom | 18-425 Screw-Thread | 20 mL | Clear | 22 x 75 mm | 100-pk. | 23082 |
| | 18-425 Screw-Thread | 20 mL | Clear | 22 x 75 mm | 1000-pk. | 23083 |
| | 18-425 Screw-Thread | 20 mL | Amber | 22 x 75 mm | 100-pk. | 23086 |
| | 18-425 Screw-Thread | 20 mL | Amber | 22 x 75 mm | 1000-pk. | 23087 |
| | 18-425 Screw-Thread | 10 mL | Clear | 22 x 45 mm | 100-pk. | 23084 |
| | 18-425 Screw-Thread | 10 mL | Clear | 22 x 45 mm | 1000-pk. | 23085 |
| | 18-425 Screw-Thread | 10 mL | Amber | 22 x 45 mm | 100-pk. | 23088 |
| | 18-425 Screw-Thread | 10 mL | Amber | 22 x 45 mm | 1000-pk. | 23089 |



Caps not included (sold separately).

High-Power Electronic Crimping Tool with OLED Display Screen

| Description | Certification/Compliance | qty. | cat.# |
|--|--------------------------|------|----------|
| High-Power Electronic Crimping Tool with OLED Display Screen, power cable for China | CE, RoHS, REACH | ea. | 23236-CN |
| High-Power Electronic Crimping Tool with OLED Display Screen, power cable for Europe | CE, RoHS, REACH | ea. | 23236-EU |
| High-Power Electronic Crimping Tool with OLED Display Screen, power cable for Japan | CE, RoHS, REACH | ea. | 23236-JP |
| High-Power Electronic Crimping Tool with OLED Display Screen, power cable for Taiwan | CE, RoHS, REACH | ea. | 23236-TW |
| High-Power Electronic Crimping Tool with OLED Display Screen, power cable for United Kingdom | CE, RoHS, REACH | ea. | 23236-UK |
| High-Power Electronic Crimping Tool with OLED Display Screen, power cable for United States | CE, RoHS, REACH | ea. | 23236-US |



Inserts for 2.0 mL, 11 mm Crimp-Top, 2.0 mL, 9 mm Short-Cap, Screw-Thread, and 2.0 mL, 10 mm Big Mouth Screw-Thread Vials

| Description | Volume | Material | Used with | qty. | Similar to Part # | cat.# |
|---|--------|---------------|---|----------|-------------------|-------|
| | 50 µL | Glass | 2.0 mL, 11 mm Crimp-Top, 2.0 mL, 9 mm Short-Cap, Screw-Thread Vials | 100-pk. | | 24513 |
| | 50 µL | Glass | 2.0 mL, 11 mm Crimp-Top, 2.0 mL, 9 mm Short-Cap, Screw-Thread Vials | 1000-pk. | | 21782 |
| Big Mouth Insert, w/Bottom Spring | 250 µL | Glass | 2.0 mL, 11 mm Crimp-Top Vials, 2.0 mL, 9 mm Short-Cap, Screw-Thread Vials, 2.0 mL, 10 mm Big Mouth Step Design Screw-Thread Vials | 100-pk. | Agilent 5181-1270 | 21776 |
| | 250 µL | Glass | 2.0 mL, 11 mm Crimp-Top Vials, 2.0 mL, 9 mm Short-Cap, Screw-Thread Vials, 2.0 mL, 10 mm Big Mouth Step Design Screw-Thread Vials | 1000-pk. | | 21777 |
| Big Mouth Insert, w/Glass Flange (Step Design)* | 250 µL | Glass | 2.0 mL, 11 mm Crimp-Top Vials, 2.0 mL, 10 mm Big Mouth Step Design Screw-Thread Vials | 100-pk. | | 24516 |
| | 250 µL | Glass | 2.0 mL, 11 mm Crimp-Top Vials, 2.0 mL, 10 mm Big Mouth Step Design Screw-Thread Vials | 1000-pk. | | 21779 |
| Insert, Flat Bottom | 350 µL | Glass | 2.0 mL, 11 mm Crimp-Top Vials, 2.0 mL, 9 mm Short-Cap, Screw-Thread Vials, 2.0 mL, 10 mm Big Mouth Step Design Screw-Thread Vials | 100-pk. | | 21780 |
| | 350 µL | Glass | 2.0 mL, 11 mm Crimp-Top Vials, 2.0 mL, 9 mm Short-Cap, Screw-Thread Vials, 2.0 mL, 10 mm Big Mouth Step Design Screw-Thread Vials | 1000-pk. | Agilent 5181-3377 | 24517 |
| Insert, Flat Bottom w/ID Ring | 350 µL | Glass | 2.0 mL, 11 mm Crimp-Top Vials, 2.0 mL, 9 mm Short-Cap, Screw-Thread Vials, 2.0 mL, 10 mm Big Mouth Step Design Screw-Thread Vials | 100-pk. | | 24692 |
| | 350 µL | Glass | 2.0 mL, 11 mm Crimp-Top Vials, 2.0 mL, 9 mm Short-Cap, Screw-Thread Vials, 2.0 mL, 10 mm Big Mouth Step Design Screw-Thread Vials | 1000-pk. | | 24693 |
| Big Mouth Insert, w/Bottom Spring | 250 µL | Polypropylene | 2.0 mL, 11 mm Crimp-Top, 2.0 mL, 9 mm Short-Cap, Screw-Thread Vials | 100-pk. | Agilent 5182-0549 | 24518 |



Continued



| Description | Volume | Material | Used with | qty. | Similar to Part # | cat.# |
|--|--------|---------------|---|---------|-------------------|--------|
| Big Mouth Insert, w/Bottom Spring & Graduated Markings | 250 µL | Polypropylene | 2.0 mL, 11 mm Crimp-Top, 2.0 mL, 9 mm Short-Cap, Screw-Thread Vials | 100-pk. | | 24518A |
| Big Mouth Insert, No Spring | 250 µL | Polypropylene | 2.0 mL, 11 mm Crimp-Top, 2.0 mL, 9 mm Short-Cap, Screw-Thread Vials | 100-pk. | | 24520 |

*Big Mouth insert w/glass flange (step design) not to be used with 9 mm screw-thread vials.

If not listed, polypropylene inserts may be available on request (1000-packs only).

Inserts for 2.0 mL, 8 mm Screw-Thread Vials

| Description | Volume | Material | Used with | qty. | cat.# |
|---------------------------------------|--------|---------------|---------------------------------|----------|-------|
| Insert, w/Polypropylene Bottom Spring | 100 µL | Glass | 2.0 mL, 8 mm Screw-Thread Vials | 100-pk. | 24508 |
| | 100 µL | Glass | 2.0 mL, 8 mm Screw-Thread Vials | 1000-pk. | 21775 |
| Insert, Flat Bottom | 250 µL | Glass | 2.0 mL, 8 mm Screw-Thread Vials | 1000-pk. | 24510 |
| Insert, Flat Bottom w/ID Ring | 250 µL | Glass | 2.0 mL, 8 mm Screw-Thread Vials | 1000-pk. | 24691 |
| Insert, No Spring | 100 µL | Polypropylene | 2.0 mL, 8 mm Screw-Thread Vials | 100-pk. | 24511 |
| Insert, w/Bottom Spring | 100 µL | Polypropylene | 2.0 mL, 8 mm Screw-Thread Vials | 100-pk. | 24512 |



Inserts for 4.0 mL WISP 48 Screw-Thread Step Vials

| Description | Volume | Material | Used with | qty. | cat.# |
|---------------------------------------|--------|----------|--|----------|-------|
| Insert for WISP 48 Vials, Flat Bottom | 500 µL | Glass | 4.0 mL WISP 48 Screw-Thread Step Vials | 100-pk. | 21787 |
| | 500 µL | Glass | 4.0 mL WISP 48 Screw-Thread Step Vials | 1000-pk. | 21788 |

Polypropylene inserts available on request (1000-packs only).

21787



Inserts for Versa Vials

| Description | Volume | Material | qty. | cat.# |
|-----------------------------------|--------|---------------|----------|-------|
| Versa Vial Insert, w/Glass Flange | 250 µL | Glass | 100-pk. | 22707 |
| Versa Vial Insert, w/Flange | 250 µL | Polypropylene | 100-pk. | 22709 |
| Versa Vial Insert, Flat Bottom | 250 µL | Glass | 100-pk. | 22711 |
| | 250 µL | Glass | 1000-pk. | 22712 |



Interchangeable Jaws for High-Power Crimping Tools

| Description | Size | Used with | qty. | cat.# |
|----------------------------------|-------|---------------------------------------|------|-------|
| Interchangeable crimper jaw set | 11 mm | for use with high-power crimping tool | ea. | 23424 |
| | 20 mm | for use with high-power crimping tool | ea. | 23425 |
| Interchangeable decapper jaw set | 11 mm | for use with high-power crimping tool | ea. | 23426 |
| | 20 mm | for use with high-power crimping tool | ea. | 23427 |

23425



Interlock Vials

| Description | Type | Volume | Color | Material | Size | qty. | cat.# |
|-----------------|--------------------------|--------|-------|----------|------------|---------|-------|
| Interlock Vial, | 9-425 Thread | 300 µL | Clear | Glass | 12 x 32 mm | 100-pk. | 22433 |
| | 9-425 Thread | 300 µL | Clear | Glass | 12 x 32 mm | 500-pk. | 22434 |
| | 9-425 Thread | 300 µL | Amber | Glass | 12 x 32 mm | 100-pk. | 22435 |
| | 9-425 Thread | 300 µL | Amber | Glass | 12 x 32 mm | 500-pk. | 22436 |
| | 11 mm Crimp or Snap Ring | 300 µL | Clear | Glass | 12 x 32 mm | 100-pk. | 22437 |
| | 11 mm Crimp or Snap Ring | 300 µL | Clear | Glass | 12 x 32 mm | 500-pk. | 22438 |
| | 11 mm Crimp or Snap Ring | 300 µL | Amber | Glass | 12 x 32 mm | 100-pk. | 22439 |
| | 11 mm Crimp or Snap Ring | 300 µL | Amber | Glass | 12 x 32 mm | 500-pk. | 22440 |



Limited-Volume 2.0 mL, 9 mm Screw-Thread Polypropylene Vials

| Description | Type | Volume | Color | Size | qty. | Similar to Part # | cat.# |
|---|-------------------|--------|-------|------------|----------|-----------------------------------|-------|
| Limited-Volume 2.0 mL, 9 mm Screw-Thread Polypropylene Vials, | 9 mm Screw-Thread | 1.5 mL | Clear | 12 x 32 mm | 100-pk. | Thermo Fisher Scientific C4000-14 | 23242 |
| | 9 mm Screw-Thread | 1.5 mL | Clear | 12 x 32 mm | 1000-pk. | Thermo Fisher Scientific C4000-14 | 23245 |
| | 9 mm Screw-Thread | 700 µL | Clear | 12 x 32 mm | 100-pk. | Waters 186005230 | 23243 |
| | 9 mm Screw-Thread | 700 µL | Clear | 12 x 32 mm | 1000-pk. | Waters 186005230 | 23246 |

23242





Magnetic Screw-Thread Caps, 18 mm

| Description | Type | Cap Size | Septa Material | qty. | cat.# |
|-----------------------------------|--------------|----------|----------------------------------|----------|-------|
| Magnetic Caps and Septa for SPME, | Screw-Thread | 18-425 | Blue PTFE/Silicone, 1.5 mm thick | 100-pk. | 23090 |
| | Screw-Thread | 18-425 | Blue PTFE/Silicone, 1.5 mm thick | 1000-pk. | 23091 |
| Magnetic Caps and Septa, | Screw-Thread | 18-425 | Red PTFE/Silicone, 1.9 mm thick | 100-pk. | 23092 |
| | Screw-Thread | 18-425 | Red PTFE/Silicone, 1.9 mm thick | 1000-pk. | 23093 |
| | Screw-Thread | 18-425 | PTFE/Red Chlorobutyl | 100-pk. | 23094 |
| | Screw-Thread | 18-425 | PTFE/Red Chlorobutyl | 1000-pk. | 23095 |



Magnetic Seals w/Septa, 20 mm, preassembled

| Description | Type | Cap Size | Color | Material | Septa Material | qty. | cat.# |
|--|-----------|----------|-------------|----------------|----------------|----------|-------|
| Magnetic Seals w/Septa, with 5 mm Hole | Crimp-Top | 20 mm | Gold | steel | PTFE/Silicone | 100-pk. | 22833 |
| | Crimp-Top | 20 mm | Gold | steel | PTFE/Silicone | 1000-pk. | 22834 |
| | Crimp-Top | 20 mm | Gold | steel | PTFE/Silicone | 100-pk. | 22831 |
| Magnetic Seals w/Septa, with 8 mm Hole | Crimp-Top | 20 mm | Gold | steel | PTFE/Silicone | 1000-pk. | 22832 |
| | Crimp-Top | 20 mm | Gold | steel | PTFE/Butyl | 100-pk. | 22835 |
| | Crimp-Top | 20 mm | Gold | steel | PTFE/Butyl | 1000-pk. | 22836 |
| BiMetal Magnetic Seals w/Septa, with 8 mm Hole | Crimp-Top | 20 mm | Red/Silver | aluminum/steel | PTFE/Silicone | 100-pk. | 22441 |
| | Crimp-Top | 20 mm | Red/Silver | aluminum/steel | PTFE/Silicone | 1000-pk. | 22442 |
| | Crimp-Top | 20 mm | Blue/Silver | aluminum/steel | PTFE/Silicone | 100-pk. | 22443 |
| | Crimp-Top | 20 mm | Blue/Silver | aluminum/steel | PTFE/Silicone | 1000-pk. | 22444 |



5 mm hole is compatible with the following systems: Carlo Erba HS500/HS800, CTC 500, Fisons HS500/HS800, and Bruker/Varian/Chrompack 9020/25. 8 mm hole is compatible with the Combi Pal. BiMetal and standard magnetic crimp-cap seals are more rigid than aluminium crimp-cap seals and require more force to seal and decap. To prevent user fatigue, Restek recommends using high-power electronic crimpers/decappers instead of manual or battery-powered crimpers/decappers when using BiMetal and standard magnetic crimp-cap seals.

Micro-Vials with Screw Threads

| Description | Type | Volume | Cap Size | Color | Material | qty. | cat.# |
|--|---------------------|--------|----------|-------|--------------------|--------|-------|
| Micro-Vial, Open Top Screw Cap with PTFE/Silicone Septa (attached), w/Graduated Marking Spot | 13-425 Screw-Thread | 1.0 mL | 13-425 | Clear | Borosilicate Glass | 12-pk. | 21050 |
| | 20-400 Screw-Thread | 3.0 mL | 20-400 | Clear | Borosilicate Glass | 12-pk. | 21051 |



21050

Mininert Precision Sampling Valves for Vials

| Description | Type | Cap Size | qty. | cat.# |
|-------------------------------------|--------------|----------|--------|-------|
| Mininert Precision Sampling Valves, | Screw-Thread | 13-425 | 12-pk. | 24900 |
| | Screw-Thread | 15-425 | 12-pk. | 24901 |
| | Screw-Thread | 18-400 | 12-pk. | 24902 |
| | Screw-Thread | 20-400 | 12-pk. | 24903 |
| | Screw-Thread | 24-400 | 12-pk. | 24904 |
| | Crimp-Top | 13 mm | 12-pk. | 24905 |



24904

Precleaned Volatile Organic Analyte (VOA) Sampling Vials

| Description | Type | Volume | Cap Size | Color | Material | qty. | cat.# |
|-----------------------|---------------------|--------|----------|-------|----------|--------|-------|
| Precleaned VOA Vials, | 24-400 Screw-Thread | 20 mL | 24-400 | Clear | Glass | 72-pk. | 21798 |
| | 24-400 Screw-Thread | 20 mL | 24-400 | Amber | Glass | 72-pk. | 21799 |
| | 24-400 Screw-Thread | 40 mL | 24-400 | Clear | Glass | 72-pk. | 21796 |
| | 24-400 Screw-Thread | 40 mL | 24-400 | Amber | Glass | 72-pk. | 21797 |



Replacement Battery for Electronic Crimpers and Decappers

| Description | Certification/Compliance | qty. | cat.# |
|--|--------------------------|------|-------|
| Replacement Battery for Electronic Rechargeable Crimpers and Decappers | CE, RoHS, REACH | ea. | 22362 |

Note: International shipping restrictions apply. This battery only ships via ground in the contiguous U.S. Please contact Restek's customer service to clarify shipping options for this part.



22362

Replacement Parts & Accessories for Mininert Precision Sampling Valves for Vials

| Description | qty. | cat.# |
|---|--------|-------|
| Replacement Septa for Mininert Precision Sampling Valves for Vials, | 50-pk. | 24906 |
| Septum Insertion Tool, | ea. | 24907 |



24907



Replacement Septa, PTFE-Lined Silicone for VOA Sampling Vials, 60 mL Sample Collection Vials, and 250 mL Sample Collection Bottles

| Description | qty. | cat.# |
|--|---------|-------|
| Replacement Septa, PTFE-lined silicone, 24 mm x 0.125" | 100-pk. | 24694 |



24694

Resprep PPT³ 96-Well Plates

| Description | Well Shape | qty. | cat.# |
|--|-------------|-------|---------|
| Resprep PPT ³ 96-Well Plate | 2 mL square | 2-pk. | 26489.2 |
| | 2 mL square | 5-pk. | 26489.5 |



26489.5

Septa for 2.0 mL Big Mouth Step Vials

| Description | Septa Material | Size | Used with | qty. | cat.# |
|-------------|---------------------------------|----------------|-----------------------------|----------|-------|
| Septa Only, | Red PTFE/White Silicone, 0.060" | 10 mm x 0.060" | 2.0 mL Big Mouth Step Vials | 1000-pk. | 21148 |



21148

Septa for 8 mm Screw-Thread Vials

| Description | Septa Material | Size | Used with | qty. | cat.# |
|-------------|-------------------------|---------------|-------------------------|----------|-------|
| Septa, | Red PTFE/Silicone | 8 mm x 0.060" | 8 mm Screw-Thread Vials | 100-pk. | 21178 |
| | Red PTFE/Silicone | 8 mm x 0.060" | 8 mm Screw-Thread Vials | 1000-pk. | 21179 |
| | Red PTFE/White Silicone | 8 mm x 0.065" | 8 mm Screw-Thread Vials | 100-pk. | 21795 |
| | Red PTFE/White Silicone | 8 mm x 0.065" | 8 mm Screw-Thread Vials | 1000-pk. | 21147 |



21179

SPME MicroCenter Caps and Septa

| Description | Type | Cap Size | Color | Septa Material | Note | qty. | cat.# |
|-------------------------|----------------|----------|-------|--|------------------------------|----------|-------|
| SPME Vial Cap, | Screw-Thread | 18-425 | | MicroCenter PTFE/Silicone, 0.040" (+/-0.005") | | 100-pk. | 23852 |
| | Screw-Thread | 18-425 | | MicroCenter PTFE/Silicone, 0.040" (+/-0.005") | | 1000-pk. | 23853 |
| | Bi-Metal Crimp | 20 mm | Blue | MicroCenter PTFE/Silicone, 0.065" (+/-0.005") | | 100-pk. | 23854 |
| | Bi-Metal Crimp | 20 mm | Blue | MicroCenter PTFE/Silicone, 0.065" (+/-0.005") | | 1000-pk. | 23855 |
| | Bi-Metal Crimp | 20 mm | Red | MicroCenter PTFE/Silicone, 0.065" (+/-0.005") | | 100-pk. | 23856 |
| | Bi-Metal Crimp | 20 mm | Red | MicroCenter PTFE/Silicone, 0.065" (+/-0.005") | | 1000-pk. | 23857 |
| | Steel Crimp | 20 mm | Gold | MicroCenter PTFE/Silicone, 0.065" (+/-0.005") | | 100-pk. | 23858 |
| | Steel Crimp | 20 mm | Gold | MicroCenter PTFE/Silicone, 0.065" (+/-0.005") | | 1000-pk. | 23859 |
| SPME Vial Septa, 18 mm, | | | | MicroCenter PTFE/Silicone, 0.040" (+/-0.005") | Not for use with 20 mm caps. | 100-pk. | 23850 |
| | | | | MicroCenter PTFE/Silicone, 0.040" (+/-0.005") | Not for use with 20 mm caps. | 1000-pk. | 23851 |



Square-Well Sealing Mats for 96-Well Plates

| Description | qty. | cat.# |
|---|-------|-------|
| Square-Well Sealing Mats for 96-Well Plates | 5-pk. | 28296 |



28296

Universal Sealing Mats

| Description | qty. | cat.# |
|-----------------------|------------|-------|
| Universal Sealing Mat | 10-pk. | 26499 |
| | case of 50 | 26498 |



26498



Vial Rack for Headspace Vials

| Description | Size | qty. | cat.# |
|---|------------------|-------|-----------------------|
| Polypropylene Vial Storage Rack for 6, 10, or 20 mL Headspace Vials | 36 vial capacity | ea. | 22643 |
| | 36 vial capacity | 5-pk. | 22644 |



22643

Well Plates

| Description | Well Bottom | Well Shape | qty. | cat.# |
|------------------------|-------------|------------|-------------|-----------------------|
| 0.45 mL 96-Well Plates | conical | round | 20-pk. | 26497 |
| | conical | round | case of 120 | 26496 |
| 1.3 mL 96-Well Plates | round | round | 5-pk. | 26495 |
| | round | round | case of 50 | 26494 |
| 2.0 mL 96-Well Plates | round | round | 5-pk. | 26493 |
| | round | round | case of 60 | 26492 |



26494

Notes:

Learn more at www.bgb-info.com/restek

BGB GC|LC
MS|CE

DR-BGB-2225

www.bgb-shop.com

Switzerland BGB Analytik AG • Rohrmattstrasse 4 • 4461 Böckten • Phone +41 61 991 00 46 • Fax +41 61 991 00 25 • sales@bgb-analytik.com

Austria BGB Analytik Vertrieb GmbH • Mühlestraße 1 • 79539 Lörrach • Phone +49 7621 5884270 • Fax +49 7621 5884289 • sales.de@bgb-analytik.com

Turkey and Azerbaijan BGB Analytik Laboratuvar Malzemeleri Ticaret LTD.ŞTİ • Starport Residence • Yenişehir Mah. Osmanlı Bulvarı. • Sümbül Sok. No:10, Daire: 193 • 34912 Kurtköy, Pendik, İstanbul • Phone +90 2169092048 • sales.tr@bgb-analytik.com