

Screw-Thread Vials, 12 x 32mm, 8mm/425 Thread**Fit all 2.0mL, 12 x 32mm, Screw-Thread Vial-Based Autosamplers.**

These vials provide the most secure environment for your sample, because evaporation is minimized. We offer both deactivated (on request) and non-deactivated vials.

Screw-Thread Vials—12 x 32mm, 8mm/425 Thread

| Description | 100-pk. | 1000-pk. |
|--|---------|----------|
| 2.0mL Clear Vial, White Graduated Marking Spot | 24619 | 24620 |
| 2.0mL Amber Vial, White Graduated Marking Spot | 24621 | 24622 |

8mm Pre-Assembled Caps and Septa

| Description | 100-pk. | 1000-pk. |
|--|---------|----------|
| 8/425 Black Cap w/ Red PTFE/Silicone Septa, 0.065" | 21149 | 21720 |
| 8/425 Black Top Hat™ PTFE/Silicone Septa | 21721 | 21722 |

Pre-Assembled Vial Kits: 8mm/425 Screw-Thread, Unmarked Vials, Septa, and Caps

Caps attached to vials.

| Description | 100-pk. | 1000-pk. |
|--|---------|----------|
| Clear Vial, Black Cap, Red PTFE/Silicone Septa, 0.045" | 24630 | 24631 |
| Amber Vial, Black Cap, Red PTFE/Silicone Septa, 0.045" | 24632 | 24633 |
| Clear Vial, Black Cap, Red PTFE/Silicone Septa, 0.065" | 24634 | 24635 |
| Amber Vial, Black Cap, Red PTFE/Silicone Septa, 0.065" | 24636 | 24637 |

Convenience Kits: Vials w/Pre-Assembled Caps and Septa Packed Separately (Black Polypropylene Open-Hole Caps and 8mm Red PTFE/Silicone Septa, 0.065")

Vials packaged in a clear-lid tray. Caps with septa packaged in a plastic bag.

| Description | 100-pk. | 1000-pk. |
|--|---------|----------|
| 2.0mL Clear Vial, Silcote™ CL7-Deactivated | 24638 | 24639 |
| 2.0mL Amber Vial, Silcote™ CL7-Deactivated | 24640 | 24641 |
| 2.0mL Clear Vial, untreated | 21192 | 21193 |
| 2.0mL Amber Vial, untreated | 21194 | 21195 |

8mm/425 Thread Polypropylene Caps for 8mm Screw-Thread Vials

| Description | 100-pk. | 1000-pk. |
|----------------------|---------|----------|
| Black, Open-Hole Cap | 21176 | 21177 |

instrument reference**For 8mm Screw-Thread Vials**

| Manufacturer | Instrument/Model # |
|--------------|----------------------------|
| PerkinElmer | Autosystem GC, 420/B, 4900 |



8mm (2.0mL)
Screw-Thread Vial

Headspace Vials



Headspace Autosampler Vials*

| Description | 100-pk. | 1000-pk. |
|------------------------------------|---------|----------|
| a) 6mL Clear Vial | 21166 | 21167 |
| 10mL Clear Vial, Flat Bottom | 24683 | 24684 |
| b) 10mL Clear Vial, Rounded Bottom | 21164 | 21165 |
| 20mL Clear Vial, Flat Bottom | 24685 | 24686 |
| c) 20mL Clear Vial, Rounded Bottom | 21162 | 21163 |
| 27mL Clear Vial | 21160 | 21161 |

*a) - c) designated in instrument reference chart below.

20mm Aluminum Seals w/Septa, Assembled



| Description | 100-pk. | 1000-pk. |
|---|---------|----------|
| Silver Seal w/ PTFE/Gray Butyl Rubber | 21761 | 21762 |
| Silver Seal w/ PTFE/Silicone | 21763 | 21764 |
| Pressure Release Silver Seal w/ PTFE/Gray Butyl Rubber Septum | 21765 | 21766 |
| Pressure Release Silver Seal w/ PTFE/Silicone Septum | 21767 | 21768 |
| 20mm Magnetic Crimp Cap w/Teflon®/Silicone Septum (tan/white) with 8mm Hole | 22831 | 22832 |
| 20mm Magnetic Crimp Cap w/Teflon®/Silicone Septum (tan/white) with 5mm Hole | 22833 | 22834 |
| 20mm Magnetic Crimp Cap w/PTFE/Butyl Septum with 8mm Hole | 22835 | 22836 |
| 20mm Magnetic Crimp Cap w/PTFE/Butyl Septum with 5mm Hole | 22837 | 22838 |

5mm hole is compatible with the following systems: Carlo Erba HS500/HS800, CTC 500, Fisons HS500/HS800 and Varian/Chrompack 9020/25. 8mm hole is compatible with the Combi Pal.

instrument reference

For Headspace Vials

| Manufacturer | Instrument/Model # |
|----------------|---|
| a) PerkinElmer | ISS 200 |
| b) PerkinElmer | Autosystem GC, F40, F45, HS 6, Integral 4000, HS 40 |
| c) PerkinElmer | Autosystem GC, F40, F45, HS 6, Integral 4000, HS 40 |

Aluminum Seal Crimpers and Decappers

Safer than removing caps with pliers, knife or screwdriver blade!

The crimper is adjustable for optimized sealing performance and is comfortable enough for prolonged use. If you need to save, transfer, or dispose of your samples, our decapper allows you to remove a crimp-top cap safely and easily. Far safer than removing caps with pliers, knife or screwdriver blades, etc. If you aren't currently using a seal decapper, we recommend you order one today!



Decapper



Crimper

| Description | qty. | cat.# |
|---------------|------|-------|
| 8mm Crimper | ea. | 21735 |
| 8mm Decapper | ea. | 21736 |
| 11mm Crimper | ea. | 21170 |
| 11mm Decapper | ea. | 21171 |
| 13mm Crimper | ea. | 21739 |
| 13mm Decapper | ea. | 21740 |
| 20mm Crimper | ea. | 21737 |
| 20mm Decapper | ea. | 21738 |



Hand-held Rechargeable Crimpers and Rechargeable Decappers

- Easy to use; comfortable grip.
- Hundreds of operations from one charge.
- Adjustable crimping force.
- All kits include battery charger.

Powered by a standard Black and Decker Versapak® battery, these electronic tools for 11mm or 20mm caps will cycle hundreds of times on a single charge. The cycle is controlled precisely, through an internal counter, and is adjusted with two buttons on the side of the case. The tools fit comfortably in the hand and weigh approximately 600 grams. The jaws can be positioned easily around closely-spaced vials in standard autosampler trays. Each kit includes the tool, a Versapak® Gold rechargeable battery, which uses environmentally friendly NiMH technology, and a charger. Recharging generally takes 6-9 hours.



The Electronic Crimper fits around vials in standard autosampler trays. The adjustable setting provides a precision crimp, vial after vial.

**Decapping has never been easier!**

one...



two...



three!



| Description | qty. | cat.# |
|--|------|-----------|
| 11mm Electronic Crimper (110 volt battery charger) | kit | 22853 |
| 11mm Electronic Crimper (220 volt European battery charger) | kit | 22853-EUR |
| 11mm Electronic Crimper (220 volt UK battery charger) | kit | 22853-UK |
| 11mm Electronic Decapper (110 volt battery charger) | kit | 22854 |
| 11mm Electronic Decapper (220 volt European battery charger) | kit | 22854-EUR |
| 11mm Electronic Decapper (220 volt UK battery charger) | kit | 22854-UK |
| 20mm Electronic Crimper (110 volt battery charger) | kit | 22851 |
| 20mm Electronic Crimper (220 volt European battery charger) | kit | 22851-EUR |
| 20mm Electronic Crimper (220 volt UK battery charger) | kit | 22851-UK |
| 20mm Electronic Decapper (110 volt battery charger) | kit | 22852 |
| 20mm Electronic Decapper (220 volt European battery charger) | kit | 22852-EUR |
| 20mm Electronic Decapper (220 volt UK battery charger) | kit | 22852-UK |



Syringe Overview

Restek offers complementing lines of syringes from Hamilton & SGE.

- Hamilton: The historical leader in precision fluid measuring devices for more than 50 years, with a commitment to precision, quality, and accuracy.
- SGE: More than 35 years of providing a comprehensive range of analytical syringes unsurpassed in design, quality, and performance.

did you know?

Syringes and needles manufactured by Hamilton Company and SGE are intended for scientific research and laboratory use only and are not intended for human *in vivo* use.

Needle Gauge Chart

| Gauge | Nominal OD | | Nominal ID | |
|-------|------------|--------|------------|--------|
| 26s | 0.019 in. | 0.47mm | 0.0050 in. | 0.13mm |
| 26 | 0.018 in. | 0.46mm | 0.0102 in. | 0.26mm |
| 25 | 0.021 in. | 0.51mm | 0.0102 in. | 0.26mm |
| 23s | 0.025 in. | 0.64mm | 0.0060 in. | 0.15mm |
| 23 | 0.025 in. | 0.64mm | 0.0132 in. | 0.34mm |
| 22s | 0.028 in. | 0.72mm | 0.0060 in. | 0.15mm |
| 22 | 0.028 in. | 0.72mm | 0.0162 in. | 0.41mm |

Needle Point Style

Restek offers several different point styles on syringe and needle products. Choose one depending on your application.



Point Style 2, BV: beveled needle tip. Recommended for optimum septum penetration and prevention of septum coring.



Point Style 3, LC: square/blunt needle tip. For use with HPLC injection valves and for sample pipetting.



Point Style 5: conical needle with side hole. Liquid samples are filled and dispensed through the side hole.



Point Style H: domed needle tip with a side hole. Liquid samples are filled and dispensed through the side hole. The solid tip minimizes septum damage.



Point Style Agilent/Cone: Special conical style needle point used exclusively on syringes for autosamplers.

Syringe Termination

From cemented to removable needles and from Teflon® luer-lock to special syringe fittings, syringe barrel terminations create the interface between a syringe and its mating connection. For your reference, we have listed the Hamilton/SGE designations for the most common terminations below.



N, Cemented Needle / F, Fixed:

Needle cemented into the glass syringe barrel at a point corresponding to the zero graduation mark. Not autoclavable.



KH, Knurled Hub / R, Removable:

Used on 7000 Series Hamilton syringes, exclusively. Knurled hub enables 6000 psig maximum injection pressures and the attachment of a spacer for repeatable-depth injections. Autoclavable when disassembled.



RN, Removable Needle / R, Removable:

Needle seats precisely to the zero graduation mark of the syringe. Allows the use of different specification needles on the same syringe barrel. Autoclavable when disassembled.



TLL, Teflon® Luer-Lock / LL, Luer Lock / LT, Luer Tip:

Male luer taper with nickel-plated brass hub accepts and locks into place luer hub needles and connectors. Autoclavable when disassembled.

Autosampler Syringes for PerkinElmer Autosystem™ and Clarus 500 GCs

- Hamilton syringes are designed and tested to meet critical autosampler performance.
- Needle point styles are developed to withstand multiple and rapid injections through a septum.



Hamilton 5µL Autosampler Syringe

Hamilton Syringes

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



SGE 5µL Autosampler Syringe

SGE Syringes

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

*Gas-tight.

Guide to Needle Termination Codes

Hamilton:

- (N) Cemented Needle
- (RN) Removable Needle
- (ASN) Autosampler Cemented Needle
- (ASRN) Autosampler Removable Needle
- (TLL) Teflon® Luer Lock
- (KH) Knurled Hub
- (LT) Luer Tip
- (LTN) Luer Tip Cemented Needle

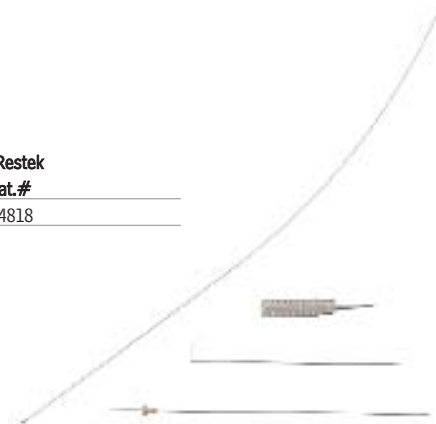
SGE:

- (F) Fixed Needle
- (R) Removable Needle
- (LL) Luer Lock
- (LT) Luer Tip

Replacement Needles for PerkinElmer Autosampler Syringes

Needle and Plunger Kits

| Syringe Volume | Needle Gauge | Needle Length | Point Style | SGE cat.# | qty. | Restek cat.# |
|----------------|--------------|---------------|-------------|-----------|------|--------------|
| 0.5µL | 23 | 70mm | Cone | 033765 | kit | 24818 |



Standard Microliter Volume Syringes

Standard Microliter Volume Syringes

- Economical.
- Available with cemented needles (N/F) or removable needles (RN/R).
- Each syringe plunger and barrel assembly is manufactured as one working unit; components are not interchangeable or individually replaceable.



Hamilton 700 Series Microliter Syringe

Hamilton Syringes

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



SGE Standard Microliter Volume Syringe

SGE Syringes

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



*For replacement RN/R needles, see page 36.

**With plunger protection.

Teflon® Tip, Gas-Tight Syringes

- Suitable for gases or liquids for maximum inertness.
- High accuracy of dispensed volumes.
- Interchangeable barrels, plungers, and tips extend performance and increase cost-effectiveness.



Hamilton 1700/1000 Series Gas-Tight Syringe

Hamilton Syringes

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

Guide to Needle Termination Codes**Hamilton:**

(N) Cemented Needle
 (RN) Removable Needle
 (ASN) Autosampler
 Cemented Needle
 (ASRN) Autosampler
 Removable Needle
 (TLL) Teflon® Luer Lock
 (KH) Knurled Hub
 (LT) Luer Tip
 (LTN) Luer Tip Cemented
 Needle

SGE:

(F) Fixed Needle
 (R) Removable Needle
 (LL) Luer Lock
 (LT) Luer Tip



SGE Gas-Tight Syringe

SGE Syringes

| Volume | Needle Term. | Needle Gauge | Needle Length | Point Style | SGE | | Restek |
|--------|--------------|--------------|---------------|-------------|--------------|--------|-----------|
| | | | | | Model | cat.# | |
| 10µL | F | 26 | 50mm | 2 | 10F-GT | 002200 | ea. 24725 |
| 10µL | R | 26 | 50mm | 2 | 10R-GT | 002250 | ea. 24726 |
| 25µL | F | 25 | 50mm | 2 | 25F-GT | 003200 | ea. 24727 |
| 25µL | R | 25 | 50mm | 2 | 25R-GT | 003250 | ea. 24728 |
| 50µL | F | 25 | 50mm | 2 | 50F-GT | 004200 | ea. 24729 |
| 50µL | R | 25 | 50mm | 2 | 50R-GT | 004250 | ea. 24730 |
| 100µL | F | 25 | 50mm | 2 | 100F-GT | 005200 | ea. 24734 |
| 100µL | R | 25 | 50mm | 2 | 100R-GT | 005250 | ea. 24735 |
| 100µL | LL | * | — | — | 100F-LL-GT | 005230 | ea. 24737 |
| 250µL | F | 25 | 50mm | 2 | 250F-GT | 006200 | ea. 24738 |
| 250µL | R | 25 | 50mm | 2 | 250R-GT | 006250 | ea. 24739 |
| 250µL | LL | * | — | — | 250F-LL-GT | 006230 | ea. 24741 |
| 500µL | F | 25 | 50mm | 2 | 500F-GT | 007200 | ea. 24742 |
| 500µL | R | 25 | 50mm | 2 | 500R-GT | 007250 | ea. 24743 |
| 1mL | R | 23 | 50mm | 2 | 1MR-GT | 008100 | ea. 24750 |
| 1mL | LL | * | — | — | 1MDF-LL-GT | 008025 | ea. 24752 |
| 2.5mL | LL | * | — | — | 2.5MDF-LL-GT | 008425 | ea. 24755 |
| 5mL | LL | * | — | — | 5MDR-LL-GT | 008760 | ea. 24757 |
| 10mL | LL | * | — | — | 10MDR-LL-GT | 008960 | ea. 24759 |
| 25mL | LL | * | — | — | 25MDR-LL-GT | 009462 | ea. 24760 |
| 50mL | LL | * | — | — | 50MR-LL-GT | 009660 | ea. 24761 |
| 100mL | LL | * | — | — | 100MR-LL-GT | 009760 | ea. 24762 |

*Needles sold separately. See page 36.

Gas-Tight Syringe Replacement Needles

Teflon® Tip, Gas-Tight Syringe Replacement Needles for Removable Needle Syringes

Materials: stainless steel needle, nickel plated brass hub



Needles for Hamilton Syringes

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



Needles for SGE Syringes

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



Gas-Tight Syringe Replacement Needles for Luer-Lock Syringes

Needles for Hamilton Syringes

| Hub Material | Needle Gauge | Needle Length | Point Style | Hamilton cat.# | qty. | Restek cat.# |
|----------------------|--------------|---------------|-------------|----------------|-------|--------------|
| metal | 26s | 2"/51mm | 2 | 90053 | 6-pk. | 20133 |
| metal | 25s | 1.97" | 3 | 90049* | 6-pk. | 24605 |
| metal | 22s | 2"/51mm | 2 | 90051 | 6-pk. | 24606 |
| Kel-F® (Teflon® tip) | 26s | 2"/51mm | 2 | 90153 | 6-pk. | 24607 |
| Kel-F® (Teflon® tip) | 25s | 1.97" | 3 | 90149* | 6-pk. | 24608 |
| Kel-F® (Teflon® tip) | 22s | 2"/51mm | 2 | 90151 | 6-pk. | 24609 |

*For Waters U6K injection valve.

Needles for SGE Syringes

| Hub Material | Needle Gauge | Needle Length | Point Style | SGE cat.# | qty. | Restek cat.# |
|--------------|--------------|---------------|-------------|-----------|-------|--------------|
| metal | 23 | 50mm | 2 | 039802 | 5-pk. | 24763 |
| metal | 22 | 2"/51mm | 3 | 039895** | 2-pk. | 24765 |
| metal | 18 | 50mm | 2 | 039842 | 5-pk. | 24764 |

**For Rheodyne®/Valco® valves.



In the U.S.

Call: 800-356-1688 (ext. 3) or 814-353-1300 (ext. 3)
Monday–Friday 8:00 a.m.–6:00 p.m.
Eastern Standard Time

Fax: 814-353-1309—24-hours a day

Online: www.restek.com—24-hours a day

Outside the U.S.

Contact your Restek representative:

Refer to our website at www.restek.com



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