More of What You Need to Keep Your LC Flowing

Fittings, tubing, mobile phase management & safety, and more.









PEEK Column Couplers

- Connect two columns, a guard holder to a column, or inline sample prep holders.
- One-piece, finger-tight design.
- Self-adjusting to accommodate all 10-32 port depths.
- Made of biocompatible PEEK.
- Available in three IDs: 0.13, 0.17, or 0.25 mm.
- Rated to 5000 psi (350 bar).

| Description | Color | Union Bore | Max Pressure | Similar to VICI Part # | qty. | cat.# |
|---------------------|--------|------------|--------------------|------------------------|------|-------|
| PEEK Column Coupler | Red | 0.13 mm | 5000 psi (350 bar) | JR-26501 | ea. | 27724 |
| PEEK Column Coupler | Yellow | 0.17 mm | 5000 psi (350 bar) | JR-26502 | ea. | 27725 |
| PEEK Column Coupler | Blue | 0.25 mm | 5000 psi (350 bar) | JR-26503 | ea. | 27726 |



PPS Hex-Head Fittings for HPLC

- One-piece design; no ferrule required.
- \bullet For $^1/_{16}\mbox{"}$ tubing on all 10-32 ports.
- Made of polyphenylene sulfide (PPS).
- Rated to 5000 psi (350 bar).

| Description | Color | Туре | Max Pressure | Similar to VICI Part # | qty. | cat.# |
|--------------|-------|----------|--------------------|------------------------|--------|-------|
| PPS Fittings | Black | Hex-Head | 5000 psi (350 bar) | JR-58000-5 | 10-pk. | 27714 |



PEEK Hex-Head Fittings for HPLC

- One-piece design; no ferrule required.
- For 1/16" tubing on all 10-32 ports.
- Made of biocompatible PEEK.
- Rated to 5000 psi (350 bar).

| Description | Color | Туре | Max Pressure | Similar to VICI Part # | qty. | cat.# |
|---------------|---------|----------|--------------------|------------------------|--------|-------|
| PEEK Fittings | Natural | Hex-Head | 5000 psi (350 bar) | IR-55100-5 | 10-pk. | 27712 |



PEEK-HT Hex-Head Fittings for HPLC and UHPLC

- One-piece design; no ferrule required.
- Use included driver for wrench-free, 10,000 psi connections.
- For 1/16" tubing on all 10-32 ports.
- Made of proprietary, high-pressure, biocompatible PEEK.
- Rated to 10,000 psi (689 bar).

| Description | Color | Туре | Max Pressure | Similar to VICI Part # | qty. | cat.# |
|------------------------------|---------|----------|----------------------|------------------------|--------|-------|
| PEEK-HT Fittings with Driver | Natural | Hex-Head | 10,000 psi (689 bar) | JR-5520N-10 | 10-pk. | 27713 |



PEEK Unions, Tees, and Crosses for HPLC

- Ideal for quickly and reliably connecting 1/16" PEEK tubing in HPLC systems.
- One-piece, finger-tight fittings—no ferrules required.
- Low dead volume.
- Included end fittings and body are made of biocompatible PEEK.
- Available in 0.25, 0.50, and 0.75 mm bore sizes.
- Maximum temperature: 100 °C.
- Rated to 5000 psi (350 bar).
- ¹/₄-28 thread port connections.

| Description | Union Bore | Max Pressure | Similar to VICI Part # | qty. | cat.# |
|-------------|------------|--------------------|---|-------|-------|
| PEEK Union | 0.25 mm | 5000 psi (350 bar) | JR-1061; Agilent 0100-2441; Grace 32141, 3112487 | 2-pk. | 27715 |
| PEEK Union | 0.50 mm | 5000 psi (350 bar) | JR-1066 | 2-pk. | 27716 |
| PEEK Union | 0.75 mm | 5000 psi (350 bar) | JR-1067 | 2-pk. | 27717 |
| PEEK Tee | 0.25 mm | 5000 psi (350 bar) | JR-1030 | ea. | 27718 |
| PEEK Tee | 0.50 mm | 5000 psi (350 bar) | JR-1032 | ea. | 27719 |
| PEEK Tee | 0.75 mm | 5000 psi (350 bar) | JR-1033 | ea. | 27720 |
| PEEK Cross | 0.25 mm | 5000 psi (350 bar) | JR-1040 | ea. | 27721 |
| PEEK Cross | 0.50 mm | 5000 psi (350 bar) | JR-1042 | ea. | 27722 |
| PEEK Cross | 0.75 mm | 5000 psi (350 bar) | JR-1043 | ea. | 27723 |



PEEK Tubing

- Ideal for plumbing to and inside HPLC systems.
- 1/16" OD in 3- and 10-meter lengths.
- Less oxygen permeable and more temperature resistant than PTFE or Tefzel tubing.
- Easily cut to length using Clean-Cut Tubing Cutter (cat.# 25069).
- Use with PEEK finger-tight or flangeless fittings.
- Use tubing ≤ 0.007 " to 7000 psi; tubing ≥ 0.010 " ID to 5,000 psi.

| Description | Color | ID | Length | Max Pressure | Similar to VICI Part # | qty. | cat.# |
|-------------|---------------|---------|--------|--------------|---|-------|-------|
| PEEK Tubing | Natural | 0.0025" | 1 m | 7000 psi | JR-T-5764-M1 | 3-pk. | 27746 |
| PEEK Tubing | Red Stripe | 0.005" | 3 m | 7000 psi | JR-T-5999-M3; Agilent 5042-6461; Grace AL35720, 5131751 | ea. | 27747 |
| PEEK Tubing | Red Stripe | 0.005" | 10 m | 7000 psi | JT-T-5999-M10 | ea. | 27748 |
| PEEK Tubing | Yellow Stripe | 0.007" | 3 m | 7000 psi | JR-T-6000-M3; Agilent 0890- 1763; Grace AL35722, 5131753 | ea. | 27749 |
| PEEK Tubing | Yellow Stripe | 0.007" | 10 m | 7000 psi | JR-T-6000-M10 | ea. | 27750 |
| PEEK Tubing | Blue Stripe | 0.010" | 3 m | 5000 psi | JR-T-6001-M3; Grace AL35728, 5131759 | ea. | 27751 |
| PEEK Tubing | Blue Stripe | 0.010" | 10 m | 5000 psi | JR-T-6001-M10 | ea. | 27752 |
| PEEK Tubing | Orange Stripe | 0.020" | 3 m | 5000 psi | JR-T-6002-M3; Grace AL35726, 5131757 | ea. | 27753 |
| PEEK Tubing | Orange Stripe | 0.020" | 10 m | 5000 psi | JR-T-6002-M10 | ea. | 27754 |
| PEEK Tubing | Green Stripe | 0.030" | 3 m | 5000 psi | JR-T-6003-M3 | ea. | 27755 |
| PEEK Tubing | Green Stripe | 0.030" | 10 m | 5000 psi | JR-T-6003-M10 | ea. | 27756 |







Stainless-Steel Fittings for UHPLC

- Ideal for connecting stainless-steel tubing in UHPLC systems.
- For 1/16" tubing on all 10-32 ports.
- Ferrules must be purchased separately.
- 1/4" head on all nuts.

| Description | Material | Туре | Max Pressure | Similar to VICI Part # | qty. | cat.# |
|-------------------------|---------------------|---------------|---------------------------|----------------------------------|-------|-------|
| Valco-Style Nuts | 303 Stainless Steel | Short | 20,000 psi (1,375 bar) | JR-ZN1 | 5-pk. | 27727 |
| Valco-Style Nuts | 303 Stainless Steel | Medium | 20,000 psi (1,375 bar) | JR-MZN1 | 5-pk. | 27728 |
| Valco-Style Nuts | 303 Stainless Steel | Long | 20,000 psi (1,375 bar) | JR-LZN1 | 5-pk. | 27729 |
| Valco-Style Ferrules | 316 Stainless Steel | Cone-Style | 20,000 psi (1,375 bar) | JR-ZF1S6 | 5-pk. | 27730 |
| Rheodyne-Style Nuts | 316 Stainless Steel | Short | 7250 psi (500 bar) | JR-56-5 | 5-pk. | 27731 |
| Rheodyne-Style Nuts | 316 Stainless Steel | Medium | 7250 psi (500 bar) | JR-57-5 | 5-pk. | 27732 |
| Rheodyne-Style Nuts | 316 Stainless Steel | Long | 7250 psi (500 bar) | JR-58-5 | 5-pk. | 27733 |
| Rheodyne-Style Ferrules | 316 Stainless Steel | Stepped-Style | 7250 psi (500 bar) | JR-60-5; Grace 77511, 2108371 | 5-pk. | 27734 |
| Rheodyne-Style Ferrules | 316 Stainless Steel | Cone-Style | 7250 psi (500 bar) | JR-59-5 | 5-pk. | 27735 |



Stainless-Steel Unions, Tees, and Crosses for UHPLC

- Ideal for quickly and reliably connecting stainless-steel tubing in UHPLC systems.
- \bullet For $^1/16"$ tubing on all 10-32 ports.
- Body made of 316 stainless steel.
- Includes 303 stainless-steel nuts and 316 stainless-steel ferrules.
- Low dead volume.
- Rated to 20,000 psi (1375 bar).
- 1/4" head on all nuts.

| Description | Union Bore | Max Pressure | Similar to VICI Part # | qty. | cat.# |
|-----------------------|------------|-----------------------|------------------------|------|-------|
| Stainless-Steel Union | 0.15 mm | 20,000 psi (1375 bar) | JR-ZU1XCS6 | ea. | 27736 |
| Stainless-Steel Union | 0.25 mm | 20,000 psi (1375 bar) | JR-ZU1CS6 | ea. | 27737 |
| Stainless-Steel Union | 0.75 mm | 20,000 psi (1375 bar) | JR-ZU1S6 | ea. | 27738 |
| Stainless-Steel Union | 1/16" | 20,000 psi (1375 bar) | JR-ZU1T | ea. | 27739 |
| Stainless-Steel Tee | 0.25 mm | 20,000 psi (1375 bar) | JR-ZT1C | ea. | 27740 |
| Stainless-Steel Tee | 0.50 mm | 20,000 psi (1375 bar) | JR-ZT1M | ea. | 27741 |
| Stainless-Steel Tee | 0.75 mm | 20,000 psi (1375 bar) | JR-ZT1 | ea. | 27742 |
| Stainless-Steel Cross | 0.25 mm | 20,000 psi (1375 bar) | JR-ZX1C | ea. | 27743 |
| Stainless-Steel Cross | 0.50 mm | 20,000 psi (1375 bar) | JR-ZX1M | ea. | 27744 |
| Stainless-Steel Cross | 0.75 mm | 20,000 psi (1375 bar) | JR-ZX1 | ea. | 27745 |



Stainless Steel Tubing

| Description | ID | Length | Max Pressure | Similar to VICI Part # | qty. | cat.# |
|-----------------------|-------------------|--------|-----------------------|------------------------|------|-------|
| Standard-Grade Tubing | 0.005" (0.127 mm) | 3 m | 27,580 psi (1902 bar) | JR-T-625-04-M3 | ea. | 27757 |
| Standard-Grade Tubing | 0.005" (0.127 mm) | 10 m | 27,580 psi (1902 bar) | JR-T-625-04-M10 | ea. | 27758 |
| Standard-Grade Tubing | 0.007" (0.178 mm) | 3 m | 26,610 psi (1835 bar) | JR-T-625-05-M3 | ea. | 27759 |
| Standard-Grade Tubing | 0.007" (0.178 mm) | 10 m | 26,610 psi (1835 bar) | JR-T-625-05-M10 | ea. | 27760 |
| Standard-Grade Tubing | 0.010" (0.254 mm) | 3 m | 25,160 psi (1735 bar) | JR-T-625-10-M3 | ea. | 27761 |
| Standard-Grade Tubing | 0.010" (0.254 mm) | 10 m | 25,160 psi (1735 bar) | JR-T-625-10-M10 | ea. | 27762 |
| Standard-Grade Tubing | 0.020" (0.508 mm) | 3 m | 20,230 psi (1395 bar) | JR-T-625-20-M3 | ea. | 27763 |
| Standard-Grade Tubing | 0.020" (0.508 mm) | 10 m | 20,230 psi (1395 bar) | JR-T-625-20-M10 | ea. | 27764 |
| Standard-Grade Tubing | 0.030" (0.762 mm) | 3 m | 15,480 psi (1067 bar) | JR-T-625-30-M3 | ea. | 27765 |
| Standard-Grade Tubing | 0.030" (0.762 mm) | 10 m | 15,480 psi (1067 bar) | JR-T-625-30-M10 | ea. | 27766 |
| Standard-Grade Tubing | 0.040" (1.00 mm) | 3 m | 10,645 psi (734 bar) | JR-T-625-40-M3 | ea. | 27767 |
| Standard-Grade Tubing | 0.040" (1.00 mm) | 10 m | 10,645 psi (734 bar) | JR-T-625-40-M10 | ea. | 27768 |
| Premium-Grade Tubing | 0.005" (0.127 mm) | 3 m | 27,580 psi (1902 bar) | JR-TSS105-M3 | ea. | 27769 |
| Premium-Grade Tubing | 0.005" (0.127 mm) | 10 m | 27,580 psi (1902 bar) | JR-TSS105-M10 | ea. | 27770 |
| Premium-Grade Tubing | 0.007" (0.178 mm) | 3 m | 26,610 psi (1835 bar) | JR-TSS107-M3 | ea. | 27771 |
| Premium-Grade Tubing | 0.007" (0.178 mm) | 10 m | 26,610 psi (1835 bar) | JR-TSS107-M10 | ea. | 27772 |
| Premium-Grade Tubing | 0.010" (0.254 mm) | 3 m | 25,160 psi (1735 bar) | JR-TSS110-M3 | ea. | 27773 |
| Premium-Grade Tubing | 0.010" (0.254 mm) | 10 m | 25,160 psi (1735 bar) | JR-TSS110-M10 | ea. | 27774 |
| Premium-Grade Tubing | 0.020" (0.508 mm) | 3 m | 20,230 psi (1395 bar) | JR-TSS120-M3 | ea. | 27775 |
| Premium-Grade Tubing | 0.020" (0.508 mm) | 10 m | 20,230 psi (1395 bar) | JR-TSS120-M10 | ea. | 27776 |
| Premium-Grade Tubing | 0.030" (0.762 mm) | 3 m | 15,480 psi (1067 bar) | JR-TSS130-M3 | ea. | 27777 |
| Premium-Grade Tubing | 0.030" (0.762 mm) | 10 m | 15,480 psi (1067 bar) | JR-TSS130-M10 | ea. | 27778 |
| Premium-Grade Tubing | 0.040" (1.00 mm) | 3 m | 10,645 psi (734 bar) | JR-TSS140-M3 | ea. | 27779 |
| Premium-Grade Tubing | 0.040" (1.00 mm) | 10 m | 10,645 psi (734 bar) | JR-TSS140-M10 | ea. | 27780 |



- Ideal for all plumbing in UHPLC systems.
- 1/16" OD in 3- and 10-meter coiled lengths.
- 316 stainless steel.
- Standard-grade tolerances: +/- 0.05 mm (.002") OD & ID; premium-grade tolerances: +/- 0.05 mm (.002") OD & +/- 0.025 mm (.001") ID.

Flexible Premium Grade Stainless Steel Tubing

| Description | Color | ID | Length | Max Pressure | Similar to VICI Part # | qty. | cat.# |
|---------------------------------|--------|-------------------|--------|-----------------------|---------------------------|------|-------|
| Flexible Tubing with 1/16" Ends | Red | 0.005" (0.127 mm) | 105 mm | 27,580 psi (1902 bar) | JR-T-96005 | ea. | 27781 |
| Flexible Tubing with 1/16" Ends | Red | 0.005" (0.127 mm) | 150 mm | 27,580 psi (1902 bar) | JR-T-96010 | ea. | 27782 |
| Flexible Tubing with 1/16" Ends | Red | 0.005" (0.127 mm) | 200 mm | 27,580 psi (1902 bar) | JR-T-96015 | ea. | 27783 |
| Flexible Tubing with 1/16" Ends | Red | 0.005" (0.127 mm) | 280 mm | 27,580 psi (1902 bar) | JR-T-96020 | ea. | 27784 |
| Flexible Tubing with 1/16" Ends | Red | 0.005" (0.127 mm) | 400 mm | 27,580 psi (1902 bar) | JR-T-96025 | ea. | 27785 |
| Flexible Tubing with 1/16" Ends | Red | 0.005" (0.127 mm) | 600 mm | 27,580 psi (1902 bar) | JR-T-96030 | ea. | 27786 |
| Flexible Tubing with 1/16" Ends | Red | 0.005" (0.127 mm) | 700 mm | 27,580 psi (1902 bar) | JR-T-96035 | ea. | 27787 |
| Flexible Tubing with 1/16" Ends | Red | 0.005" (0.127 mm) | 800 mm | 27,580 psi (1902 bar) | JR-T-96040 | ea. | 27788 |
| Flexible Tubing with 1/16" Ends | Yellow | 0.007" (0.178 mm) | 105 mm | 26,610 psi (1835 bar) | JR-T-96105 | ea. | 27789 |
| Flexible Tubing with 1/16" Ends | Yellow | 0.007" (0.178 mm) | 150 mm | 26,610 psi (1835 bar) | JR-T-96110 | ea. | 27790 |
| Flexible Tubing with 1/16" Ends | Yellow | 0.007" (0.178 mm) | 200 mm | 26,610 psi (1835 bar) | JR-T-96115 | ea. | 27791 |
| Flexible Tubing with 1/16" Ends | Yellow | 0.007" (0.178 mm) | 280 mm | 26,610 psi (1835 bar) | JR-T-96120 | ea. | 27792 |
| Flexible Tubing with 1/16" Ends | Yellow | 0.007" (0.178 mm) | 400 mm | 26,610 psi (1835 bar) | JR-T-96125 | ea. | 27793 |
| Flexible Tubing with 1/16" Ends | Yellow | 0.007" (0.178 mm) | 600 mm | 26,610 psi (1835 bar) | JR-T-96130 | ea. | 27794 |
| Flexible Tubing with 1/16" Ends | Yellow | 0.007" (0.178 mm) | 700 mm | 26,610 psi (1835 bar) | JR-T-96135 | ea. | 27795 |
| Flexible Tubing with 1/16" Ends | Yellow | 0.007" (0.178 mm) | 800 mm | 26,610 psi (1835 bar) | JR-T-96140 | ea. | 27796 |
| Flexible Tubing with 1/16" Ends | Yellow | 0.007" (0.178 mm) | 900 mm | 26,610 psi (1835 bar) | JR-T-96145 | ea. | 27797 |
| Flexible Tubing with 1/16" Ends | Blue | 0.010" (0.254 mm) | 105 mm | 25,160 psi (1735 bar) | JR-T-96205 | ea. | 27798 |
| Flexible Tubing with 1/16" Ends | Blue | 0.010" (0.254 mm) | 150 mm | 25,160 psi (1735 bar) | JR-T-96210 | ea. | 27799 |
| Flexible Tubing with 1/16" Ends | Blue | 0.010" (0.254 mm) | 200 mm | 25,160 psi (1735 bar) | JR-T-96215 | ea. | 27800 |
| Flexible Tubing with 1/16" Ends | Blue | 0.010" (0.254 mm) | 280 mm | 25,160 psi (1735 bar) | JR-T-96220 | ea. | 27801 |
| Flexible Tubing with 1/16" Ends | Blue | 0.010" (0.254 mm) | 400 mm | 25,160 psi (1735 bar) | JR-T-96225 | ea. | 27802 |
| Flexible Tubing with 1/16" Ends | Blue | 0.010" (0.254 mm) | 600 mm | 25,160 psi (1735 bar) | JR-T-96230 | ea. | 27803 |
| Flexible Tubing with 1/16" Ends | Blue | 0.010" (0.254 mm) | 700 mm | 25,160 psi (1735 bar) | JR-T-96235 | ea. | 27804 |
| Flexible Tubing with 1/16" Ends | Blue | 0.010" (0.254 mm) | 800 mm | 25,160 psi (1735 bar) | JR-T-96240 | ea. | 27805 |
| Flexible Tubing with 1/16" Ends | Orange | 0.020" (0.508 mm) | 105 mm | 20,230 psi (1395 bar) | JR-T-96305 | ea. | 27806 |
| Flexible Tubing with 1/16" Ends | Orange | 0.020" (0.508 mm) | 150 mm | 20,230 psi (1395 bar) | JR-T-96310 | ea. | 27807 |
| Flexible Tubing with 1/16" Ends | Orange | 0.020" (0.508 mm) | 200 mm | 20,230 psi (1395 bar) | JR-T-96315 | ea. | 27808 |
| Flexible Tubing with 1/16" Ends | Orange | 0.020" (0.508 mm) | 280 mm | 20,230 psi (1395 bar) | JR-T-96320 | ea. | 27809 |
| Flexible Tubing with 1/16" Ends | Orange | 0.020" (0.508 mm) | 400 mm | 20,230 psi (1395 bar) | JR-T-96325 | ea. | 27810 |
| Flexible Tubing with 1/16" Ends | Orange | 0.020" (0.508 mm) | 600 mm | 20,230 psi (1395 bar) | JR-T-96330 | ea. | 27811 |
| Flexible Tubing with 1/16" Ends | Orange | 0.020" (0.508 mm) | 700 mm | 20,230 psi (1395 bar) | JR-T-96335 | ea. | 27812 |
| Flexible Tubing with 1/16" Ends | Orange | 0.020" (0.508 mm) | 800 mm | 20,230 psi (1395 bar) | JR-T-96340 | ea. | 27813 |
| | | | | | | | |



- Ideal for all plumbing in UHPLC systems.
- 1 /32" OD tubing with 17 mm long, 1 /16" laser-welded ends.
- Color bands for easy identification.
- 316 stainless steel.
- • Tolerances: +/- 0.05 mm (.002") OD & +/- 0.025 mm (.001") ID.





| Component: Material | |
|------------------------|----------------------------|
| Insert: PTFE | Nuts: PPS |
| Closure: Polypropylene | Ferrules: ETFE |
| O-ring: EPDM | Nut sleeves: Polypropylene |





| Filter Component: Filter Materi | ial | |
|---------------------------------|--------------|--|
| Housing: Polypropylene | O-ring: EPDM | |
| Filter: Cellulose, 0.2 µm | | |
| <u> </u> | | |

Opti-Cap GL-45 Bottle Tops

- Protect your mobile phase from evaporation and contamination and your lab from harmful vapors.
- Includes tubing connector nuts with color-sleeve adaptors and ferrules.
- Use one ¹/₄-28 threaded port for exhaust filter or air inlet valve; other ports can be used as needed or closed with ¹/₄-28 plug (sold separately).

| Opti-Cap for GL-45 Threaded Bottle Type | Similar to VICI Part # | qty. | cat.# | |
|--|---|------|-------|--|
| 2-Port: holes for (1) 1/16" and (1) 1/8" OD tubing | JR-S-11001 | ea. | 27835 | |
| 3-Port: holes for (1) 1/16" and (2) 1/8" OD tubing | JR-S-11002; Agilent 5063-6531; Grace 10973, 2106324, 9541, 5130238 | ea. | 27836 | |
| 4-Port: holes for (1) 1/16" and (3) 1/8" OD tubing | JR-S-11003 | ea. | 27837 | |

Opti-Cap GL-45 Bottle Top Kits

- Convenient kits for easy mobile phase management.
- Protect your mobile phase from evaporation and contamination and your lab from harmful vapors.
- Includes one 3-port Opti-Cap GL-45 bottle top (cat.# 27836).
- Includes PTFE tubing $^{1}/8$ " OD x 0.063 mm ID x 3 m (cat.# 27846).
- • Includes two $^1/_{16}"$ connection sparger filters: one 2 μm (cat.# 27827) and one 10 μm (cat.# 27828).
- Available with or without safety-coated GL-45 bottle(s).
- Use one $^{1}/_{4}$ -28 threaded port for exhaust filter or air inlet valve; other ports can be used as needed or closed with $^{1}/_{4}$ -28 plug (sold separately).

| Description | Includes | Similar to VICI Part # | qty. | cat.# |
|--|--|------------------------|------|-------|
| Opti-Cap GL-45 Bottle Top Kit | Opti-Cap (3-port); PTFE Tubing (3 m); 2 µm Sparger; 10 µm Sparger | JR-9000-0002 | kit | 27851 |
| Opti-Cap GL-45 Bottle Top Kit with 1 L Bottle | Opti-Cap (3-port); PTFE Tubing (3 m); 2 µm Sparger; 10 µm Sparger; 1 L Bottle | JR-9000-0003 | kit | 27852 |
| Opti-Cap GL-45 Bottle Top Kit with 2 L Bottle | Opti-Cap (3-port); PTFE Tubing (3 m); 2 µm Sparger; 10 µm Sparger; 2 L Bottle | JR-9000-0004 | kit | 27853 |

PEEK Plug for Bottle Top Adaptors

| Description | Similar to VICI Part # | qty. | cat.# |
|----------------------------|------------------------|-------|-------|
| PEEK Plug, 1/4"-28 threads | JR-409 | 3-pk. | 27848 |

Bottle Top Valves and Filters

- Inlet valves protect your lab from volatile compounds; use with a filter to protect your mobile phase from bacterial contamination.
- Outlet valve regulates pressure during helium sparging.
- 1/4-28 threads for use on Opti-Cap or Hub-Cap bottle tops.
- Replace valves every six months and filters every three months; replace more frequently with rigorous use or use in harsh environments.

| Description | Similar to VICI Part # | qty. | cat.# |
|---|------------------------|------|-------|
| Inlet Valve (no filter) for Bottle Tops | JR-S-20006 | ea. | 27838 |
| Inlet Valve with 4 mm Filter for Bottle Tops | JR-S-20003 | ea. | 27839 |
| Inlet Valve with 15 mm Filter for Bottle Tops | JR-S-20009 | ea. | 27840 |
| Outlet Valve with 4 mm Filter for Bottle Tops | JR-S-20004 | ea. | 27841 |
| Replacement 4 mm Filter for Bottle Tops | JR-S-20007 | ea. | 27843 |
| Replacement 15 mm Filter for Bottle Tops | JR-S-20008 | ea. | 27842 |



Safety Exhaust Filter with Indicator

- Breakthrough indicator changes from light pink to dark pink to notify you when to change filter.
- Safety filter protects your lab from volatile compounds in waste bottles.
- ¹/₄-28 threads for use on Opti-Cap or Hub-Cap bottle tops.
- Replace filter every three months or when indicator changes color; more frequently with rigorous use or use in harsh environments.

| Description | Similar to VICI Part # | qty. | cat.# |
|--|------------------------|------|-------|
| Safety Exhaust Filter with Indicator for Bottle Tops | JR-S-20005 | ea. | 27833 |



Eco-Cap GL-45 Bottle Tops

- Economically protect your mobile phase from evaporation and contamination, and your lab from harmful vapors.
- Order Hub-Cap adaptor (cat.# 26538) to allow use of Eco-Cap on 4-liter bottles.
- Includes polypropylene male Luer plug.
- No threading for fittings on the inside of the tubing ports; tubing is just inserted.

| Description | Туре | Similar to VICI Part # | qty. | cat.# |
|------------------------------------|--------|------------------------|------|-------|
| Eco-Cap for GL-45 Threaded Bottles | 3-Port | JR-9000-0007 | ea. | 27834 |



| O-rings: EPDM |
|--------------------------|
| Luer plug: Polypropylene |
| |
| |

PTFE Tubing

- Chemically inert tubing available in 0.094" and 0.063" IDs.
- 1/8" OD in 3- and 10-meter lengths.
- Easily cut to length using Clean-Cut Tubing Cutter (cat.# 25069).
- Maximum temperature: 100 °C.
- ¹/₄-28 threads for use on Opti-Cap or Hub-Cap bottle tops.

| Description | Color | ID | Length | Max Pressure | Similar to VICI Part # | qty. | cat.# |
|-------------|---------|-----------------|--------|------------------|---------------------------------------|------|-------|
| PTFE Tubing | Natural | 0.094" (2.4 mm) | 3 m | 250 psi (18 bar) | JR-T-4037-M3; Grace 20096, 3112413 | ea. | 27844 |
| PTFE Tubing | Natural | 0.094" (2.4 mm) | 10 m | 250 psi (18 bar) | JR-T-4037-M10 | ea. | 27846 |
| PTFE Tubing | Natural | 0.063" (1.6 mm) | 3 m | 500 psi (35 bar) | JR-T-6800-M3; Grace 20063, 3112412 | ea. | 27845 |
| PTFE Tubing | Natural | 0.063" (1.6 mm) | 10 m | 500 psi (35 bar) | JR-T-6800-M10 | ea. | 27847 |



Fittings and Ferrules for 1/8" Tubing

| Description | Max Pressure | Similar to VICI Part # | qty. | cat.# |
|---|--------------------|---------------------------|--------|-------|
| PEEK Finger-Tight Fittings for 1/8" OD Tubing, 1/4-28 Threads | 500 psi (35 bar) | | 10-pk. | 25794 |
| ETFE Ferrules for PEEK Finger-Tight Fittings for 1/8" OD Tubing | | | 10-pk. | 25795 |
| PEEK Finger-Tight Fittings for 1/16" Tubing, 1/4-28 Threads | 1500 psi (105 bar) | JR-20124-10 | 10-pk. | 27849 |
| ETFE Ferrules for PEEK Finger-Tight Fittings for 1/16" Tubing | | JR-041-10 | 10-pk. | 27850 |







Last Drop Mobile Phase Filter

- Protect your instrument and column by filtering your mobile phase of contaminants and particulates.
- Choose stepped connector for 1.5/2.2/3.5 mm ID tubing or flangeless connector for $^1/8$ " OD tubing.
- Filter elements available in 316 stainless-steel or metal-free PTFE.
- Housing made of PTFE, connector of PEEK, optional flangeless connector ferrule of ETFE (not in flow path).

| Flow capacity | Material | Porosity | Туре | Used with | Similar to VICI Part # | qty. | cat.# |
|---------------|--|--|--|--|---|--|---|
| 1.2 mL/min | PTFE | 2.5 µm | Stepped Connector | 1.5/2.2/3.5 mm ID tubing | JR-9000-0520 | ea. | 27814 |
| 2.6 mL/min | PTFE | 5 µm | Stepped Connector | 1.5/2.2/3.5 mm ID tubing | JR-9000-0521 | ea. | 27815 |
| 3.5 mL/min | PTFE | 10 µm | Stepped Connector | 1.5/2.2/3.5 mm ID tubing | JR-9000-0522 | ea. | 27816 |
| 28 mL/min | Stainless Steel | 2 µm | Stepped Connector | 1.5/2.2/3.5 mm ID tubing | JR-9000-0530 | ea. | 27817 |
| 30 mL/min | Stainless Steel | 5 µm | Stepped Connector | 1.5/2.2/3.5 mm ID tubing | JR-9000-0531 | ea. | 27818 |
| 30 mL/min | Stainless Steel | 10 µm | Stepped Connector | 1.5/2.2/3.5 mm ID tubing | JR-9000-0532 | ea. | 27819 |
| 1.2 mL/min | PTFE | 2.5 µm | Flangeless Connector | 1/8" OD tubing | JR-9000-0520F | ea. | 27820 |
| 2.6 mL/min | PTFE | 5 µm | Flangeless Connector | 1/8" OD tubing | JR-9000-0521F | ea. | 27821 |
| 3.5 mL/min | PTFE | 10 µm | Flangeless Connector | 1/8" OD tubing | JR-9000-0522F | ea. | 27822 |
| 28 mL/min | Stainless Steel | 2 µm | Flangeless Connector | 1/8" OD tubing | JR-9000-0530F | ea. | 27823 |
| 30 mL/min | Stainless Steel | 5 µm | Flangeless Connector | 1/8" OD tubing | JR-9000-0531F | ea. | 27824 |
| 30 mL/min | Stainless Steel | 10 µm | Flangeless Connector | 1/8" OD tubing | JR-9000-0532F | ea. | 27825 |
| | 1.2 mL/min 2.6 mL/min 3.5 mL/min 28 mL/min 30 mL/min 30 mL/min 1.2 mL/min 2.6 mL/min 3.5 mL/min 30 mL/min | 1.2 mL/min PTFE 2.6 mL/min PTFE 3.5 mL/min PTFE 28 mL/min Stainless Steel 30 mL/min Stainless Steel 30 mL/min PTFE 1.2 mL/min PTFE 2.6 mL/min PTFE 3.5 mL/min PTFE 28 mL/min Stainless Steel 30 mL/min Stainless Steel 30 mL/min Stainless Steel | 1.2 mL/min PTFE 2.5 μm 2.6 mL/min PTFE 5 μm 3.5 mL/min PTFE 10 μm 28 mL/min Stainless Steel 2 μm 30 mL/min Stainless Steel 5 μm 30 mL/min PTFE 2.5 μm 1.2 mL/min PTFE 5 μm 3.5 mL/min PTFE 10 μm 28 mL/min Stainless Steel 2 μm 30 mL/min Stainless Steel 5 μm | 1.2 mL/min PTFE 2.5 μm Stepped Connector 2.6 mL/min PTFE 5 μm Stepped Connector 3.5 mL/min PTFE 10 μm Stepped Connector 28 mL/min Stainless Steel 2 μm Stepped Connector 30 mL/min Stainless Steel 5 μm Stepped Connector 30 mL/min Stainless Steel 10 μm Stepped Connector 1.2 mL/min PTFE 2.5 μm Flangeless Connector 2.6 mL/min PTFE 5 μm Flangeless Connector 3.5 mL/min PTFE 10 μm Flangeless Connector 28 mL/min Stainless Steel 2 μm Flangeless Connector 30 mL/min Stainless Steel 5 μm Flangeless Connector | 1.2 mL/min PTFE 2.5 μm Stepped Connector 1.5/2.2/3.5 mm ID tubing 2.6 mL/min PTFE 5 μm Stepped Connector 1.5/2.2/3.5 mm ID tubing 3.5 mL/min PTFE 10 μm Stepped Connector 1.5/2.2/3.5 mm ID tubing 28 mL/min Stainless Steel 2 μm Stepped Connector 1.5/2.2/3.5 mm ID tubing 30 mL/min Stainless Steel 10 μm Stepped Connector 1.5/2.2/3.5 mm ID tubing 1.2 mL/min PTFE 2.5 μm Flangeless Connector 1.5/2.2/3.5 mm ID tubing 2.6 mL/min PTFE 2.5 μm Flangeless Connector 1/8" OD tubing 3.5 mL/min PTFE 10 μm Flangeless Connector 1/8" OD tubing 28 mL/min Stainless Steel 2 μm Flangeless Connector 1/8" OD tubing 30 mL/min Stainless Steel 5 μm Flangeless Connector 1/8" OD tubing | Flow capacity Material Porosity Type Used with VICI Part # 1.2 mL/min PTFE 2.5 μm Stepped Connector 1.5/2.2/3.5 mm ID tubing JR-9000-0520 2.6 mL/min PTFE 5 μm Stepped Connector 1.5/2.2/3.5 mm ID tubing JR-9000-0521 3.5 mL/min PTFE 10 μm Stepped Connector 1.5/2.2/3.5 mm ID tubing JR-9000-0522 28 mL/min Stainless Steel 2 μm Stepped Connector 1.5/2.2/3.5 mm ID tubing JR-9000-0530 30 mL/min Stainless Steel 10 μm Stepped Connector 1.5/2.2/3.5 mm ID tubing JR-9000-0531 1.2 mL/min PTFE 2.5 μm Flangeless Connector 1/8" OD tubing JR-9000-0520F 2.6 mL/min PTFE 5 μm Flangeless Connector 1/8" OD tubing JR-9000-0521F 3.5 mL/min PTFE 10 μm Flangeless Connector 1/8" OD tubing JR-9000-0522F 28 mL/min Stainless Steel 2 μm Flangeless Connector 1/8" OD tubing JR-9000-0530F 30 mL/min Stainless Steel | Flow capacity Material Porosity Type Used with VICI Part # vIV. qty. 1.2 mL/min PTFE 2.5 μm Stepped Connector 1.5/2.2/3.5 mm ID tubing JR-9000-0520 ea. 2.6 mL/min PTFE 5 μm Stepped Connector 1.5/2.2/3.5 mm ID tubing JR-9000-0521 ea. 3.5 mL/min PTFE 10 μm Stepped Connector 1.5/2.2/3.5 mm ID tubing JR-9000-0522 ea. 30 mL/min Stainless Steel 5 μm Stepped Connector 1.5/2.2/3.5 mm ID tubing JR-9000-0531 ea. 30 mL/min Stainless Steel 10 μm Stepped Connector 1.5/2.2/3.5 mm ID tubing JR-9000-0531 ea. 1.2 mL/min PTFE 2.5 μm Flangeless Connector 1/8" OD tubing JR-9000-0520F ea. 2.6 mL/min PTFE 5 μm Flangeless Connector 1/8" OD tubing JR-9000-0521F ea. 3.5 mL/min PTFE 10 μm Flangeless Connector 1/8" OD tubing JR-9000-0522F ea. 28 mL/min Stainless Steel |

Flow rates measured with methanol/water (1:1), ultrasonically degassed. Flow rates can vary with solvent and tubing ID.



Mobile Phase Sparge Filters

- Inexpensively prepare and maintain mobile phases free of dissolved oxygen, nitrogen, and other atmospheric gases.
- Choose flangeless connector for either 1/16" or 1/8" OD tubing.
- Filter elements available in 316 stainless steel or metal-free polyethylene (PE).
- Connector made of PEEK, flangeless connector ferrule of ETFE (not in flow path).

| Description | Flow capacity | Material | Porosity | Туре | Used with | Similar to VICI Part # | qty. | cat.# |
|----------------|---------------|-----------------|----------|----------------------|-----------------------------|---------------------------|------|-------|
| Sparger Filter | 120 mL/min | Polyethylene | 20 µm | Flangeless Connector | 1/8" OD tubing | JR-32178 | ea. | 27826 |
| Sparger Filter | 35 mL/min | Stainless Steel | 2 µm | Flangeless Connector | ¹ /16" OD tubing | JR-367016-2 | ea. | 27827 |
| Sparger Filter | 35 mL/min | Stainless Steel | 10 μm | Flangeless Connector | 1/16" OD tubing | JR-367016-10 | ea. | 27828 |
| Sparger Filter | 35 mL/min | Stainless Steel | 20 µm | Flangeless Connector | ¹ /16" OD tubing | JR-367016-20 | ea. | 27829 |
| Sparger Filter | 35 mL/min | Stainless Steel | 2 µm | Flangeless Connector | 1/8" OD tubing | JR-367008-2 | ea. | 27830 |
| Sparger Filter | 100 mL/min | Stainless Steel | 10 μm | Flangeless Connector | 1/8" OD tubing | JR-367008-10 | ea. | 27831 |
| Sparger Filter | 120 mL/min | Stainless Steel | 20 µm | Flangeless Connector | 1/8" OD tubing | JR-367008-20 | ea. | 27832 |

Flow rates measured with methanol/water (1:1), ultrasonically degassed. Flow rates can vary with solvent and tubing ID.



Safety Spout, S60/61, PE-HD

- Safety spout for convenient decanting or emptying of your waste containers.
- Made of high-performance plastic-offers reliable work protection and chemical resistance.

| Product Name | Material | Electrostatic Conductive? | Туре | Weight | Units | Catalog No. |
|---|----------|---------------------------|----------|-----------|-------|----------------|
| Safety Spout, S60/61, Rigid, PE-HD | PE-HD | No | Rigid | 0.04 lbs. | ea. | 25716 |
| Safety Spout, S60/61, Flexible, PE-HD | PE-HD | No | Flexible | 0.08 lbs. | ea. | 25717 |
| Safety Spout, S60/61, PE-HD Electrostatic Conductive, Rigid, with Vent | PE-HD | Yes | Rigid | 0.1 lbs. | ea. | 25718 |



Canisters, S60/61, PE-HD

- Carboy container with handle, natural color.
- Useful for mobile phase waste collection.
- Made of high-performance plastic-offers reliable work protection and chemical resistance.
- UN-Y approved, meets FDA standards.

| Product Name | Dimensions | Material | Electrostatic Conductive? | Volume | Weight | Units | Catalog No. |
|--|---------------------------------|----------|---------------------------|--------|----------|-------|----------------|
| Canister 5 L, S60/61, PE-HD Electrostatic Conductive | 6.46" L x 7.64" W x 9.02" H | PE-HD | Yes | 5 L | 1.3 lbs. | ea. | 25719 |
| Canister 10 L, S60/61, PE-HD Electrostatic Conductive | 7.17" L x 9.13" W x 12.24" H | PE-HD | Yes | 10 L | 1.8 lbs. | ea. | 25720 |
| Canister 10 L, S60/61, PE-HD | 11.22" L x 9.45" W x 9.72" H | PE-HD | No | 10 L | 2.1 lbs. | ea. | 25721 |



Funnel with Lid, S60/61, PE-HD, with Removable Sieve

This robust safety funnel, made of high-performance plastic, offers reliable work protection and chemical resistance. A hinged lid and integrated seal ensure even harmful solvent residues cannot escape. The removable dirt sieve safely catches solids such as magnetic stirring bars.

| Product Name | Material | Units | Catalog No. |
|--|----------|-------|-------------|
| Funnel with Lid, S60/61, PE-HD, with Removable Sieve | PE-HD | ea. | 25722 |





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