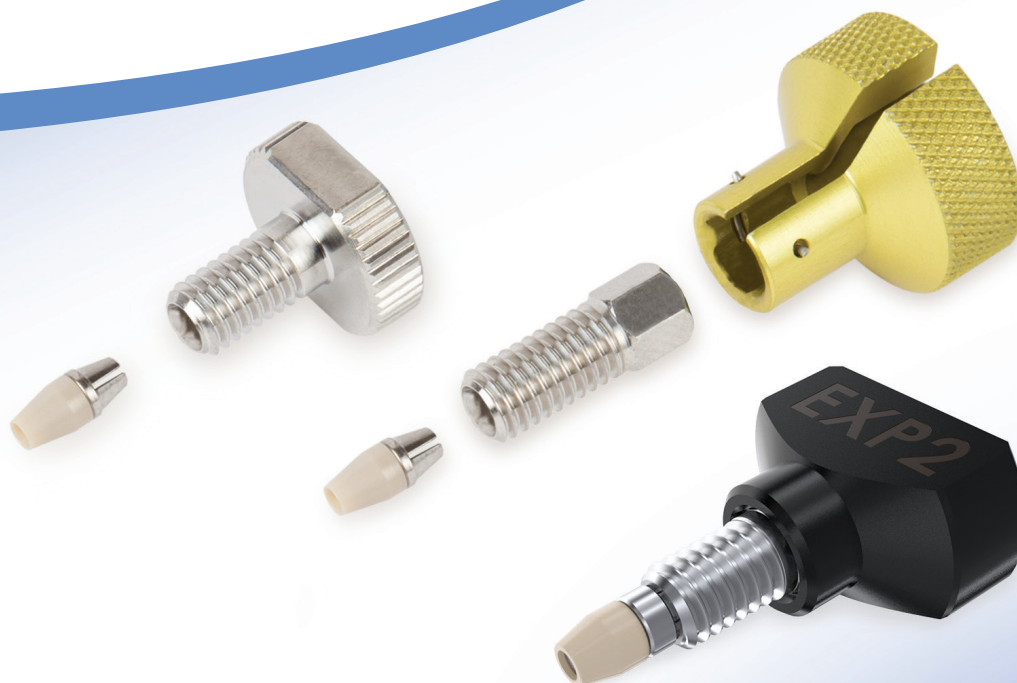


EXP and EXP2 Fittings

Reusable Fittings for Easy, Reliable
HPLC & UHPLC Connections

- Can be installed repeatedly without compromising high-pressure seal.
- Non-swaged ferrules mean vendor-specific tubing is not required.
- Precision design provides zero-dead-volume (ZDV) connection to any 10-32 female port.



EXP and EXP2 Fittings

Reusable Fittings for Easy, Reliable HPLC & UHPLC Connections for 10-32 Fittings and 1/16" Tubing

- Can be installed repeatedly without compromising high-pressure seal.
- Non-swaged ferrules mean vendor-specific tubing is not required.
- Precision design provides zero-dead-volume (ZDV) connection to any 10-32 female port.

Restek is pleased to offer reusable EXP and EXP2 fittings from Optimize Technologies for the ultimate in easy, reliable LC connections. The innovative design combines the durability of titanium with the sealing capability of PEEK material, creating a fitting that can be reinstalled over and over again. The ferrule does not permanently swage to the tubing, so multiple connections can be made, and the tubing can be adjusted to different port depths. Whether you want the simplicity of a basic, hand-tight seal or the convenience of an integrated ferrule and driver, EXP and EXP2 fittings are available in a wide range of styles to suit your needs.

| Fitting | Seal (psi) | Ferrule | Tubing Compatibility | Benefits |
|------------------------------|---|------------|---|--|
| EXP Hand Tight | <ul style="list-style-type: none">• 8700+ by hand• 20,000+ with wrenches | Separate | <ul style="list-style-type: none">• Stainless steel• PEEK | <ul style="list-style-type: none">• Flexible use design; tighten by hand or with wrenches. |
| EXP Hex Head | 20,000+ with wrenches | Separate | <ul style="list-style-type: none">• Stainless steel• PEEK | <ul style="list-style-type: none">• Compact design; good for tight spaces. |
| EXP2 | 20,000+ with EXP2 driver | Separate | <ul style="list-style-type: none">• Stainless steel• PEEK | <ul style="list-style-type: none">• Compact design; good for tight spaces.• Installs easily with EXP2 driver; no wrenches needed. |
| EXP2 TI-LOK All-in-One (AIO) | 18,000+ with built-in driver | Integrated | <ul style="list-style-type: none">• Stainless steel• PEEK• PEEKsil• Hastelloy C• Fused silica | <ul style="list-style-type: none">• Convenient design features built-in driver.• Installs easily with built-in driver; no wrenches needed.• One-piece, integrated design means no lost ferrules. |

Which fitting do I choose?

At what pressure are you operating?

For standard and intermediate HPLC (up to 600 bar), we recommend using an EXP hand-tight nut. No wrench or driver is required, and you can achieve an 8700+ psi connection by hand. For UHPLC, choose an EXP2 TI-LOK AIO fitting with a built-in driver or a standard EXP2 fitting with a separate driver for easy, wrench-free, extreme high-pressure connections.

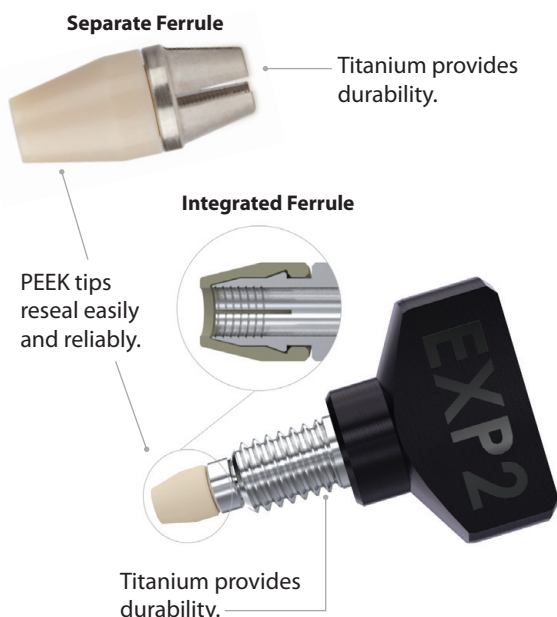
What tubing are you using?

All EXP and EXP2 fittings offered by Restek accommodate 1/16" stainless-steel and PEEK tubing. If you are using another type of tubing, you should use an EXP2 TI-LOK AIO fitting because they are compatible with all tubing materials (PEEK, PEEKsil, Hastelloy C, stainless steel, and fused silica).

Are there space limitations?

Tight oven compartments and six-port injection valves might not easily accommodate the larger EXP hand-tight nut or EXP2 TI-LOK AIO fitting with its built-in driver. EXP2 fittings have slimmer profiles, making them ideal for tight spaces even if you are not operating at UHPLC pressures. Alternately, three different lengths of EXP hex-head fittings staggered around a six-port injection valve install and remove easily without hurting your knuckles.

Both Ferrule Styles Combine the Strength of Titanium with the Sealing Power of PEEK Ends



A Wide Range of Fitting Styles for Performance and Convenience

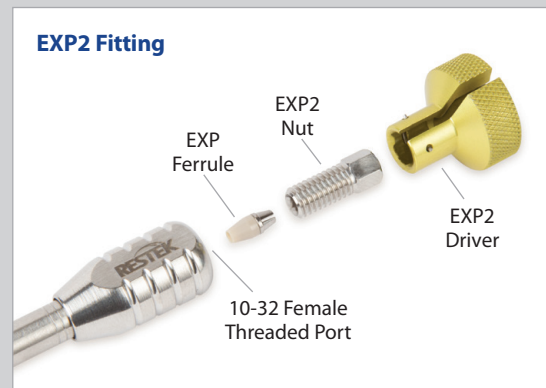
EXP Fittings (Hand Tight and Hex Head)

- Hand-tight fitting style achieves effortless HPLC seals—no tools needed for an 8700+ psi (600+ bar) seal.
- Both hand-tight and hex-head styles wrench tighten for reliable UHPLC use up to 20,000+ psi (1400+ bar).



EXP2 Fittings

- Unique nut driver allows easy 20,000+ psi (1400+ bar) seals without wrenches.
- Compact design fits in tight spaces; perfect for small oven compartments and six-port injection valves.

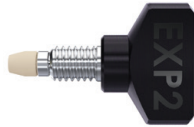


EXP2 TI-LOK All-in-One (AIO) Fittings

- Allows easy 18,000+ psi (1250+ bar) seals without wrenches.
- Titanium nut with integrated PEEK ferrule simplifies installation—one-piece design means no more lost ferrules.
- Convenient, built-in driver makes secure installations quick and easy.



EXP and EXP2 Reusable Fittings for HPLC and UHPLC



25745

EXP2 TI-LOK Fittings NEW!

| Description | qty. | cat.# |
|--|--------|-------|
| EXP2 TI-LOK All-in-One (AIO) Hand-Tight Fitting with Integral Ferrule (includes built-in driver) | ea. | 25745 |
| | 10-pk. | 25746 |



25937

EXP Hand-Tight Fittings

| Description | qty. | Similar to Part # | cat.# |
|--|--------|------------------------|-------|
| EXP Hand-Tight Fitting (nut w/ferrule) | ea. | | 25937 |
| | 10-pk. | Grace 5131702, AL32326 | 25938 |



25927

EXP Hex-Head Fittings

| Description | qty. | Similar to Part # | cat.# |
|--|--------|------------------------|-------|
| EXP Std. Hex-Head Fitting (nut w/ferrule) | ea. | | 25926 |
| | 10-pk. | | 25927 |
| EXP Short Hex-Head Fitting (nut w/ferrule) | ea. | | 25928 |
| | 10-pk. | Grace 5132954, Z226874 | 25929 |
| EXP Long Hex-Head Fitting (nut w/ferrule) | ea. | | 25930 |
| | 10-pk. | Grace 5132953, Z226866 | 25931 |



25940

EXP Hand-Tight Coupler

| Description | qty. | cat.# |
|---|------|-------|
| EXP Hand-Tight Coupler (2 nuts, 2 ferrules, 1/16" x 0.005" ID tubing) | ea. | 25940 |



25783

EXP2 Fittings

| Description | qty. | cat.# |
|---|--------|-------|
| EXP2 Fitting (2 nuts, 2 ferrules, 1 driver) | 2-pk. | 25783 |
| EXP2 Fitting (10 nuts, 10 ferrules, 1 driver) | 10-pk. | 25784 |
| EXP2 Driver (driver only) | ea. | 25785 |

WARNING: Do not use EXP ferrules with standard nuts. Failure to use EXP fittings according to the included instructions may result in unsafe UHPLC connections and/or non-ZDV connections.



25935

EXP Titanium Hybrid Replacement Ferrules

| Description | qty. | cat.# |
|-----------------------------|--------|-------|
| EXP Titanium Hybrid Ferrule | ea. | 25935 |
| | 10-pk. | 25936 |

Intellectual Property: optimizetech.com/patents

Learn more at www.restek.com/EXP