



### New! Stopper O-ring

Prevents backward travel of Locking Cap when connecting or disconnecting fitting, position can be adjusted along tubing



## FlexChrom® Assemblies

Flexible Stainless Steel Tubing

- One-Piece **Flexible** 1/16" OD Stainless Steel Tubing
- Two-Part Finger Tight Stainless Steel Fittings
- Zero Dead Volume Connections
- Rated to **27,000 psi**
- Thin, Durable Tubing Will Not Crack or Snap



### Single UHPLC Assembly

Flexible SS Tubing with One Fitting

Cat. no.	Dimensions
990141-Flex	10cm x 0.004"ID
990111-Flex	10cm x 0.005"ID
930111-Flex	10cm x 0.007"ID
970111-Flex	10cm x 0.010"ID
990142-Flex	20cm x 0.004"ID
990115-Flex	20cm x 0.005"ID
930115-Flex	20cm x 0.007"ID
970115-Flex	20cm x 0.010"ID
990143-Flex	30cm x 0.004"ID
990128-Flex	30cm x 0.005"ID
930128-Flex	30cm x 0.007"ID
970128-Flex	30cm x 0.010"ID



### Double UHPLC Assembly

Flexible SS Tubing with Two Fittings

Cat. no.	Dimensions
990241-Flex	10cm x 0.004"ID
990211-Flex	10cm x 0.005"ID
930211-Flex	10cm x 0.007"ID
970211-Flex	10cm x 0.010"ID
990242-Flex	20cm x 0.004"ID
990215-Flex	20cm x 0.005"ID
930215-Flex	20cm x 0.007"ID
970215-Flex	20cm x 0.010"ID
990243-Flex	30cm x 0.004"ID
990228-Flex	30cm x 0.005"ID
930228-Flex	30cm x 0.007"ID
970228-Flex	30cm x 0.010"ID

### Replacement Graphite Ferrules

Cat. no.	Description	Qty
68566-1	One-Piece Ferrules System	5



### High Pressure PEEK™ Fittings Kit

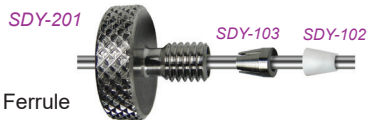
- **Rated to 13,500 psi**
- Fingertight



Cat. no.	Description
4156-63	Advantage™ Custom High Pressure PEEK™ Fittings Kit. Includes 5 each of nuts (68562-1) and one piece ferrule system (68566-1).

### Double Ferrule SS Fitting

- **Rated to 13,500 psi**
- Unique Double Ferrule, Fingertight, ZDV
- The Grooved SS Collet Reinforces the Polymer Ferrule



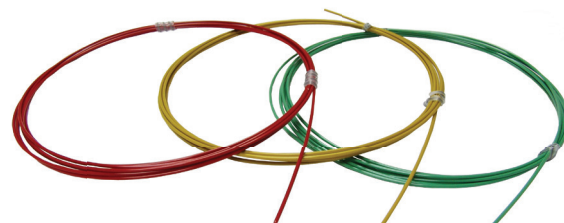
Cat. no.	Description	Qty
SDY-201	Stainless Steel Nut w/ Polymer Ferrule and Stainless Steel Collet	2
SDY-102	Replacement Polymer Ferrules	5
SDY-103	Replacement Stainless Steel Collets	2

### Ultra High Pressure Stainless Steel Fittings

- **Rated to 20,000 psi**



Cat. no.	Description	Qty
847514	1-Piece Reusable Stainless Steel Fitting for 1/16" SS Tubing	10
847325X	Long 1-Piece Reusable Stainless Steel Fitting for 1/16" SS Tubing	10



### PEEK™ Tubing

PEEK™ tubing can be used to replace stainless steel tubing in most HPLC systems.

#### 1/16" OD x 10'

Cat. no.	Description	Color
69-1201	0.0025" ID	Natural
69-1202	0.004" ID	Black
69-1203	0.005" ID	Red
69-1205	0.007" ID	Yellow
69-1207	0.01" ID	Blue
69-1209	0.02" ID	Orange
69-1210	0.03" ID	Green
69-1211	0.04" ID	Natural
69-1212	0.055" ID	Natural

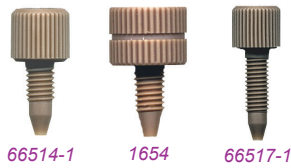
#### 1/16" OD x 50'

Cat. no.	Description	Color
41535-L4	0.005" ID	Red
41536-L4	0.007" ID	Yellow
41531L4	0.01" ID	Natural

#### 1/8" OD x 5'

Cat. no.	Description	Color
4154-44	0.08" ID	Natural

# Fingertight & UHPLC Fittings



## One Piece Fittings

• Rated to 5,000 psi

Cat. no.	Description	Qty
66514-1	PEEK™, 10-32 for 1/16" OD Tubing	5
1654	PEEK™ Fat Head for 1/16" OD Tubing	1
1655	PEEK™ X-Long Fat Head for 1/16" OD Tubing	1
66517-1	PEEK™ Long Fitting, One Piece	5

## UHPLC, Fingertight PEEK™ One Piece Fittings

For 1/16" OD Tubing

• Rated to 12,000 psi



Cat. no.	Description	Qty
66518-3	PEEK One Piece Fitting for 1/16" OD Tubing	10

For 1/32" OD Tubing

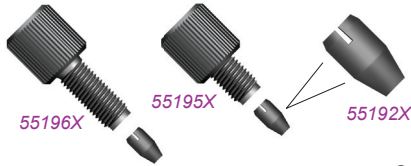
• Rated to 15,000 psi



Cat. no.	Description	Qty
84904	M4 PEEK One Piece Fitting for 1/32" OD Tubing (for Rheodyne MX Valves)	1
60126X	6-32 PEEK One Piece Fitting for 1/32" OD Tubing	10

## Two-Piece Fingertight Fittings

• Rated to 9,000 psi

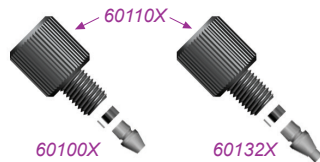


For 1/16" OD Tubing

Cat. no.	Description	Qty
55195X	10-32 Short PEEK Nut, with Ferrule	10
55196X	10-32 Long PEEK Nut, with Ferrule	10
55192X	Ferrule	10

## Three Piece Fittings

• Rated to 16,500 psi



For 1/16" OD Tubing

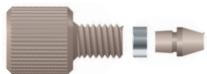
Cat. no.	Description	Qty
60100X	PEEK™ Ferrule for 1/16" OD Tubing w/ SS Ring	10
60110X	10-32 PEEK™ Nut for 1/16" or 1/32" OD Tubing	10

For 1/32" OD Tubing

Cat. no.	Description	Qty
60132X	PEEK™ Ferrule for 1/32" OD Tubing w/ SS Ring	10
60110X	10-32 PEEK™ Nut for 1/16" or 1/32" OD Tubing	10

## Lite-Touch™ Fittings

• Rated to 5,000 psi



For 1/16" OD Tubing

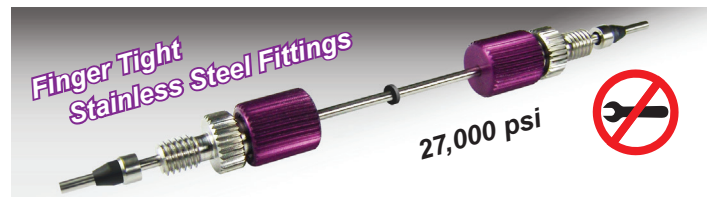
Cat. no.	Description	Qty
68561-1	PEEK™ Ferrule, SS Ring	5
68562-1	PEEK™ Nut, 10-32	5

For 1/8" OD Tubing

Cat. no.	Description	Qty
68563-1	PEEK™ Ferrule, SS Ring	5
68564-1	PEEK™ Nut, 1/4-28	5

## Removal Tool

Cat. no.	Description	Qty
68565-1	Removal Tool for Lite-Touch Ferrules	1



## Ultra High Pressure Finger Tight UHPLC Assemblies

- 1/16" OD Stainless Steel Tubing with Finger Tight Fittings
- **Rated to 27,000 psi**
- Zero Dead Volume Connection

### Single UHPLC Assembly SS Tubing with One Fitting

Cat. no.	Dimensions
61510	10cm x 0.005" ID
61710	10cm x 0.007" ID
61610	10cm x 0.010" ID
61210	10cm x 0.020" ID
61715	15cm x 0.007" ID
61520	20cm x 0.005" ID
61720	20cm x 0.007" ID
61620	20cm x 0.010" ID
61220	20cm x 0.020" ID
61525	25cm x 0.020" ID
61530	30cm x 0.005" ID
61730	30cm x 0.007" ID
61630	30cm x 0.010" ID
61230	30cm x 0.020" ID
61540	40cm x 0.005" ID
61740	40cm x 0.007" ID
61640	40cm x 0.010" ID
61240	40cm x 0.020" ID
61550	50cm x 0.005" ID
61750	50cm x 0.007" ID
61650	50cm x 0.010" ID
61250	50cm x 0.020" ID
61560	60cm x 0.005" ID
61750	70cm x 0.007" ID

### Double UHPLC Assembly SS Tubing with Two Fittings

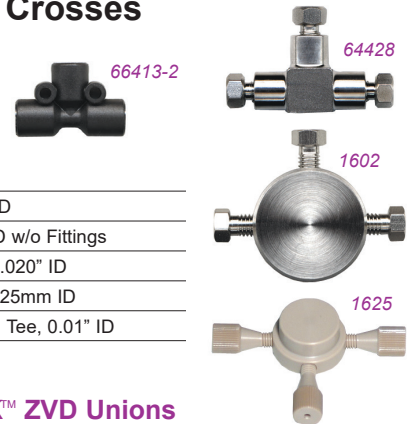
Cat. no.	Dimensions
62510	10cm x 0.005" ID
62710	10cm x 0.007" ID
62610	10cm x 0.010" ID
62210	10cm x 0.020" ID
62715	15cm x 0.007" ID
62520	20cm x 0.005" ID
62720	20cm x 0.007" ID
62620	20cm x 0.010" ID
62220	20cm x 0.020" ID
62530	30cm x 0.005" ID
62730	30cm x 0.007" ID
62630	30cm x 0.010" ID
62230	30cm x 0.020" ID
62540	40cm x 0.005" ID
62740	40cm x 0.007" ID
62640	40cm x 0.010" ID
62240	40cm x 0.020" ID
62550	50cm x 0.005" ID
62750	50cm x 0.007" ID
62650	50cm x 0.010" ID
62250	50cm x 0.020" ID
62560	60cm x 0.005" ID
62760	60cm x 0.007" ID
62501	100cm x 0.005" ID

## Unions, Tees and Crosses

### PEEK™ and Stainless Steel Tees

• for 1/16" OD Tubing

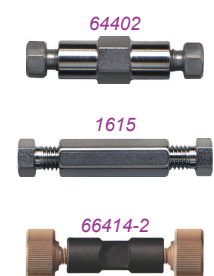
Cat. no.	Description
66415-2	PEEK™ Tee, 0.020" ID
66413-2	PEEK™ Tee 0.020" ID w/o Fittings
64428	Stainless Steel Tee, 0.020" ID
1602	Stainless Steel Tee 0.25mm ID
1625	Advantage™ PEEK™ Tee, 0.01" ID



### Stainless Steel & PEEK™ ZVD Unions

• for 1/16" OD Tubing

Cat. no.	Description
64402	ZVD Union, 0.020" ID
66213-4	ZVD Union, 0.010" ID
64438	ZVD Union, 0.062" ID
1615	Valco ZVD Union, 0.02" ID
66212-4	Waters Compatible ZVD Union, 0.02" ID



### PEEK™

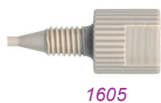
Cat. no.	Description
59704	10-32 Union 0.020" ID w/ Fittings
66414-2	10-32 Union 0.010" ID
59742-01	10-32 Union 0.010" ID w/o Fittings



## Direct Connect Filters

### Direct Connect Filter Guards

- Fingertight
- Connects with 1/16" Tubing with 10-32 Threading
- Changes in Seconds! No Tools Necessary!



Cat. no.	Description
1605	Advantage™ 0.5µm Direct Connect Inline Filter Guard
1620	Advantage™ 2.0µm Direct Connect Inline Filter Guard

### Direct Connect SS UHPLC Pre-Column Filter

- **Rated to 15,000 psi**
- 0.5µm Titanium Frit
- 1µl Dead Volume



Cat. no.	Description	Qty
49005	Direct Connect UHPLC Pre-Column Filter	10

### Direct Connect SS Inline Filter

- **Rated to 15,000 psi**
- 5µl Dead Volume
- 0.5µm SS Frit



Cat. no.	Description	Qty
48815	SS Direct Inline Filter Assemblies 0.5µm Frit	1
48001	Replacement SS 0.5µm Frit	5

### HPLC Column Plugs



Cat. no.	Description	Qty
66313-3	Black Delrin® Plugs, 10-32	5
66312-5	Red Delrin® Plugs, 10-32	5

## Solvent Filters



### General Use Inlet Solvent Filters

Cat. no.	Description
49302A	10µm Filter, w/ Flangeless Fitting for 1/8" OD Tubing
49302	10µm Solvent Filter, for 1/16" OD Tubing
49220	10µm Solvent Filter, for 1/8" OD Tubing (Nut not included)



### Stainless Steel Bottom-of-the-Bottle™ Solvent Filter

- Draws from the Bottom

Cat. no.	Description
49550	Replaceable 10µm Filter Assembly for 1/8" OD Tubing



### Biocompatible Solvent Filters for 1/8" Tubing

Cat. no.	Description	Qty
49426	10µm UHMWPE Filter, Complete Unit	1
49427	Replacement 10µm Filter	5

## Inline Filters

### Ultra High Pressure SS Inline Column Filter

- **Rated to 15,000 psi**
- Low Dead Volume
- 0.5µm Frits



Cat. no.	Description	Qty
48555	Filter Holder w/ 0.5µm x 0.062" SS Frit	1
48513	Replacement SS 0.5µm x 0.062" Frit, 2µL	5

### Ultra Low Dead Volume Pre-Column Filter

- .007" diameter thru-hole
- Removable stainless steel ring holds frit
- Use for maximum resolution or microbore work



Cat. no.	Description	Qty
49318	SS Pre-Column Filter w/ 0.5µm Frit, No. 49102	1
49102X	Replacement 0.5µm S.S. Frit, .062" x .062" x .025"	10

### Pre-Column Filters

- .02" diameter thru-hole
- 8° distribution cones for low band spreading & mixing



Cat. no.	Description	Qty
49315	SS Pre-Column Filter w/ 2µm Frit, No. 49101	1
49316	SS Pre-Column Filter w/ 0.5µm Frit, No. 49102	1
49101X	2µm S.S. Replacement Frit, .062" x .062" x .25"	10
49103X	0.5µm S.S. Replacement Frit, .094" x .062" x .25"	10
49100X	2µm S.S. Replacement Frit, .094" x .062" x .25"	10
52401X	2µm S.S. Replacement Frit, .125" x .062" x .25"	10
49701X	0.5µm PEEK™ Replacement Frit, .062" x .062" x .25"	10



**Canary-Safe™**

### Mobile Phase Bottle Safety Caps

Cat. No.	Description
CC1001	Canary-Safe™ Cap 1, GL45, 1 Port for 1/8" OD Tubing
CC1002	Canary-Safe™ Cap 2, GL45, 2 Ports for 1/8" OD Tubing
CC1003	Canary-Safe™ Cap 3, GL45, 3 Ports for 1/8" OD Tubing
CC1004	Canary-Safe™ Cap 4, GL45, 4 Ports for 1/8" OD Tubing

# Chromatography Tools & Accessories



61629



66788



1506

## Specialty Tools

Cat. No.	Description
61629	Ferrule Remover
66788	Stainless Steel Combo Tool
1506	Mini Flashlight
59298	Extender Tightening Tool for Standard Head Fittings
59299	Aluminum Flangeless Nut Extender Tool for Standard Head Fittings
68290	Extender Tool
ADV9851	Stainless Steel Tubing Straightener



59298



59299

## Cutters

Cat. No.	Description
1651	Advantage™ Polymer Tubing Cutter with 5 port sizes
1652	Replacement Blade for PN 1651
49327	PEEK™ Tubing Cutter for 1/16" - 1/8" OD Tubing
49329	PEEK™ Tubing Cutter for 3/16" - 5/16" OD Tubing
49328	Replacement Blades, 5/pkg for 49327 & 49329
1650	Advantage™ Pliers 1/16" OD Stainless Steel Tubing Cutter
1551	Advantage™ 1/16" OD and 1/8" OD Stainless Steel Tubing Cutter
TT1001	Rotary Stainless Steel Tubing Cutter for 1/16" OD Tubing
TT1002	Rotary Stainless Steel Tubing Cutter for 1/8" OD Tubing



1651



49327



49305

49304



Wrench-12

Wrench-10

## Wrenches

Cat. No.	Description
1653	Advantage™ Valco Double End Wrench
49304	1/4" x 5/16" Open End Wrench
49305	1/2" x 9/16" Open End Wrench
49320	3/8" x 7/16" Open End Wrench
Wrench-6	6" Adjustable Wrench
Wrench-8	8" Adjustable Wrench
Wrench-10	10" Adjustable Wrench
Wrench-12	12" Adjustable Wrench

1600



ADV9850



## Kits

Cat. No.	Description
1600	Advantage™ Tubing Clip, Holes for 1/16" and 1/8" OD Polymer Tubing. Clip Fitted with SS Spring Suitable for Glassware up to 4mm Thick.
ADV9850	Advantage™ Chromatography Tool Kit - Includes: Pliers, Hex Wrenches, Fittings Wrench, Column Wrenches, Asst. Screwdrivers and Storage Box.

For pricing, see [analytical-sales.com](http://analytical-sales.com)

## Multi-Drawer Storage Cabinets Great for storing fittings, small tools, etc.



Call for more information