

## Tubing - PEEK

### 360um OD PEEK Tubing

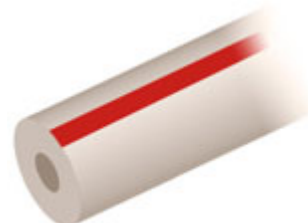
Dual-Layer PEEK tubing eliminates any concern that a critical sample stream could be contaminated by pigments used to colour code the tubing. It looks like any other colour-coded tubing at first glance, but a closer look reveals that the pigmented layer surrounds a separate but integrally-bonded inner layer of natural PEEK.



360um OD PEEK Tubing			
Description	Colour	Part Number (1m Roll)	Part Number (3m Roll)
Tubing, PEEK, 360um OD, Striped, 50um ID. 5,200 psi rating	Orange	JR-T-3650-M1	JR-T-3650-M3
Tubing, PEEK, 360um OD, Striped, 75um ID. 5,500 psi rating	Green	JR-T-3675-M1	JR-T-3675-M3
Tubing, PEEK, 360um OD, Striped, 100um ID. 4,400 psi rating	Grey	JR-T-36100-M1	JR-T-36100-M3
Tubing, PEEK, 360um OD, Striped, 125um ID. 4,000 psi rating	Red	JR-T-36125-M1	JR-T-36125-M3
Tubing, PEEK, 360um OD, Striped, 150um ID. 3,500 psi rating	Black	JR-T-36150-M1	JR-T-36150-M3

### 1/32" OD PEEK Tubing

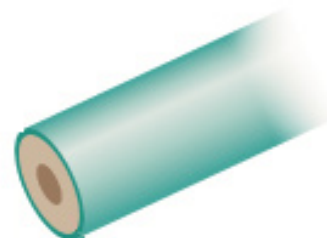
A stripe is added to the outside of the tubing, so dye never contacts the fluid stream. The polymer surface will not leach metal ions into the eluent or extract metal-sensitive components from the sample.



1/32" OD PEEK Tubing			
Description	Colour	Part Number (1m Roll)	Part Number (3m Roll)
Tubing, PEEK, 1/32" OD, Striped, 0.050mm ID. 6,000 psi rating	Orange	JR-T-5702-M1	JR-T-5702-M3
Tubing, PEEK, 1/32" OD, Striped, 0.064mm ID. 6,000 psi rating	Pink	JR-T-5764-M1	JR-T-5764-M13
Tubing, PEEK, 1/32" OD, Striped, 0.075mm ID. 6,000 psi rating	Green	JR-T-5703-M1	JR-T-5703-M3
Tubing, PEEK, 1/32" OD, Striped, 0.100mm ID. 6,000 psi rating	Black	JR-T-5704-M1	JR-T-5704-M3
Tubing, PEEK, 1/32" OD, Striped, 0.13mm ID. 5,500 psi rating	Red	JR-T-5705-M1	JR-T-5705-M3
Tubing, PEEK, 1/32" OD, Striped, 0.15mm ID. 5,300 psi rating	Natural	JR-T-5706-M1	JR-T-5706-M3
Tubing, PEEK, 1/32" OD, Striped, 0.18mm ID. 5,100 psi rating	Yellow	JR-T-5707-M1	JR-T-5707-M3
Tubing, PEEK, 1/32" OD, Striped, 0.25mm ID. 4,500 psi rating	Blue	JR-T-5710-M1	JR-T-5710-M3
Tubing, PEEK, 1/32" OD, Striped, 0.50mm ID. 2,800 psi rating	Orange	JR-T-5720-M1	JR-T-5720-M3

### 1/16" OD PEEK Tubing

Dual-Layer PEEK tubing eliminates any concern that a critical sample stream could be contaminated by pigments used to colour code the tubing. It looks like any other colour-coded tubing at first glance, but a closer look reveals that the pigmented layer surrounds a separate but integrally-bonded inner layer of natural PEEK.



1/16" OD PEEK Tubing			
Description	Colour	Part Number (3m Roll)	Part Number (10m Roll)
Tubing, PEEK, 1/16" OD, Dual Layer, 0.13mm ID. 6,100 psi rating	Red	JR-TD-6007-M3	JR-TD-6007-M10
Tubing, PEEK, 1/16" OD, Dual Layer, 0.18mm ID. 5,800 psi rating	Yellow	JR-TD-6008-M3	JR-TD-6008-M10
Tubing, PEEK, 1/16" OD, Dual Layer, 0.25mm ID. 5,600 psi rating	Blue	JR-TD-6009-M3	JR-TD-6009-M10
Tubing, PEEK, 1/16" OD, Dual Layer 0.50mm ID. 4,500 psi rating	Orange	JR-TD-6010-M3	JR-TD-6010-M10
Tubing, PEEK, 1/16" OD, Dual Layer, 0.75mm ID. 3,500 psi rating	Green	JR-TD-6011-M3	JR-TD-6011-M10

## Tubing - Other Polymeric

### FEP Tubing

FEP (FluorinatedEthylenePropylene) is chemically inert to most HPLC solvents and is recommended for low pressure applications. Typically 1/16" OD holds up to 117 bar (1700 psi) and 1/8" holds up to 70 bar (1000 psi). We recommend FEP for ion chromatography applications. Max. operating temperature for FEP is 80°C.



FEP Tubing		
Description	Pressure Rating (psi)	Part Number
Tubing, FEP, 1/16" OD, Natural, 0.15mm ID. 10m Pack	1,700	JR-T-6706-M10
Tubing, FEP, 1/16" OD, Natural, 0.25mm ID. 10m Pack	1,400	JR-T-6812-M10
Tubing, FEP, 1/8" OD, Natural, 1.59mm ID. 10m Pack	600	JR-T-6804-M10
Tubing, FEP, 1/8" OD, Natural, 2.40mm ID. 10m Pack	345	JR-T-6814-M10
Tubing, FEP, 1/4" OD, Natural, 4.35mm ID. 10m Pack	650	JR-T-6809-M10

### PTFE Tubing

PTFE tubing (PolyTetraFluoroEthylene) is chemically inert and suitable for lower pressure applications. Typically 1/16" OD tubing holds up to 62 bar (900 psi) and 1/8" up to 35 bar (500 psi). Maximum continuous operating temperature is 100°C.

PTFE Tubing		
Description	Pressure Rating (psi)	Part Number
Tubing, PTFE, 1/16" OD, Natural, 0.18mm ID. 10m Pack	900	JR-T-6805-M10
Tubing, PTFE, 1/16" OD, Natural, 0.25mm ID. 10m Pack	800	JR-T-4011-M10
Tubing, PTFE, 1/8" OD, Natural, 1.59mm ID. 10m Pack	500	JR-T-6800-M10
Tubing, PTFE, 1/8" OD, Natural, 2.40mm ID. 10m Pack	300	JR-T-4037-M10
Tubing, PTFE, 1/4" OD, Natural, 4.75mm ID. 10m Pack	250	JR-T-6810-M10

### ETFE Tubing

ETFE tubing has some outstanding properties which makes it particularly suitable for HPLC since it has a higher burst pressure when compared to PTFE. The most common dimension is 1/16" x 0.25 mm which will withstand up to 186 bar (2700 psi) using water as mobile phase. It is important, however, to note that when using ETFE with organic solvents it may swell. It is the ideal polymer for applications with chloride salts, which typically corrode stainless steel.

ETFE Tubing		
Description	Pressure Rating (psi)	Part Number
Tubing, ETFE, 1/16" OD, Natural, 0.25mm ID. 10m Pack	2,700	JR-T-080-M10
Tubing, ETFE, 1/16" OD, Natural, 0.75mm ID. 10m Pack	1,700	JR-T-083-M10
Tubing, ETFE, 1/16" OD, Natural, 1.00mm ID. 10m Pack	1,200	JR-T-085-M10
Tubing, ETFE, 1/8" OD, Natural, 1.59mm ID. 10m Pack	1,600	JR-T-086-M10

### Impermeable Tubing

FEP Tubing coated with PVDF. Co-extruded Impermeable Tubing will combine the two features of FEP and PVDF in the most positive manner, ensuring that degassed solvent will stay degassed until it reaches the HPLC pump.

Impermeable Tubing		
Description	Pressure Rating (psi)	Part Number
Tubing, impermeable 1/8" x 1.65 mm ID. 10m Pack	-	JR-T-6130-M10

## Tubing - Metal

### 304 Stainless Steel - Premium GC Grade

This premium grade stainless steel is a specially tempered grade for easy bending. It is Type 304 Stainless, manufactured for us, specifically intended for Gas Chromatography. The tubing goes through stringent inner surface treatments by our manufacturer to provide you with the best available stainless steel for your GC applications



304 Stainless Steel Tubing	
Description	Part Number
Tubing, SS304, 1/8" OD, 2.16mm ID. 50ft (15.24m) Coil	O-5115
Tubing, SS304, 3/16" OD, 3.73mm ID. 50ft (15.24m) Coil	O-5125
Tubing, SS304, 1/4" OD, 5.33mm ID. 50ft (15.24m) Coil	O-5135

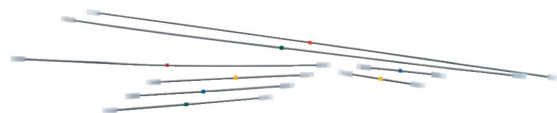
### 316 Stainless Steel Tubing - Premium HPLC and GC Grade

A seamless Type 316 stainless in a variety of sizes for HPLC and GC applications, featuring a smooth internal surface, and a soft annealed OD for easy ferrule connection.

316 Stainless Steel Tubing	
Description	Part Number
Tubing, SS316, 1/32" OD, 0.25mm ID. 10m Coil	JR-TSS.510-M10
Tubing, SS316, 1/16" OD, 0.13mm ID. 10m Coil	JR-TSS105-M10
Tubing, SS316, 1/16" OD, 0.25mm ID. 10m Coil	JR-TSS110-M10
Tubing, SS316, 1/16" OD, 0.50mm ID. 10m Coil	JR-TSS120-M10
Tubing, SS316, 1/8" OD, 2.16mm ID. 10m Coil	JR-TSS285-M10
Tubing, SS316, 1/4" OD, 4.65mm ID. 10m Coil (welded seam)	JR-T-628-00-M10

### Pre-cut 1/16" OD 316 Stainless Steel Tubing

We offer pre-cut stainless steel tubing in lengths most commonly required in HPLC systems. These tubes are cut to square, burr-free ends for zero dead volume connections. The tubing is specially steam cleaned to remove both organic and inorganic contaminants.



Pre-Cut 1/16" OD Tubing					
Internal Diameter	Colour	Part Number 50mm Length	Part Number 100mm Length	Part Number 200mm Length	Part Number 300mm Length
0.13mm	Red	JR-T-97005	JR-T-97010	JR-T-97015	JR-T-97020
0.18mm	Yellow	JR-T-97025	JR-T-97030	JR-T-97035	JR-T-97040
0.25mm	Blue	JR-T-97045	JR-T-97055	JR-T-97060	JR-T-97065
0.50mm	Orange	JR-T-97075	JR-T-97080	JR-T-97085	JR-T-97090
0.75mm	Green	JR-T-97095	JR-T-97100	JR-T-97105	JR-T-97110

### Pre-cut 1/32" OD 316 Stainless Steel Tubing

Made from 1/32" OD tubing. Burr-free ends for zero dead volume connections. The ends are laserwelded into 1/16" OD SS tubing.



Pre-Cut 1/32" OD Tubing					
Internal Diameter	Colour	Part Number 105mm Length	Part Number 200mm Length	Part Number 400mm Length	Part Number 700mm Length
0.13mm	Red	JR-T-96005	JR-T-96015	JR-T-96025	JR-T-96035
0.18mm	Yellow	JR-T-96105	JR-T-96115	JR-T-96125	JR-T-96135
0.25mm	Blue	JR-T-96205	JR-T-96215	JR-T-96225	JR-T-96235
0.50mm	Orange	JR-T-96305	JR-T-96315	JR-T-96325	JR-T-96335

## Tubing - Metal

### Copper Tubing - GC Grade

This tubing is Inner Surface Treated and Cleaned to ensure the best results for your GC.

Copper GC Grade Tubing	
Description	Part Number
Tubing, Copper, 1/8" OD, 2.16mm ID. 50ft (15.24m) roll	<b>O-5165</b>
Tubing, Copper, 1/4" OD, 4.83mm ID. 50ft (15.24m) roll	<b>O-5185</b>



### Nickel Tubing - GC Grade (Pure Nickel 200)

This tubing is Inner Surface Treated and Cleaned to ensure the best results for your GC.

Nickel GC Grade Tubing	
Description	Part Number
Tubing, Nickel, 1/8" OD, 2.16mm ID. 50ft (15.24m) roll	<b>O-5215</b>
Tubing, Nickel, 1/4" OD, 4.83mm ID. 50ft (15.24m) roll	<b>O-5235</b>

### Aluminium Tubing

Aluminium GC Grade Tubing	
Description	Part Number
Tubing, Aluminium, 1/8" OD. 50ft (15.24m) roll	<b>O-5190</b>
Tubing, Aluminium, 1/4" OD. 50ft (15.24m) roll	<b>O-5198</b>

### GC "Hook-Up" Kit

This kit includes everything you need for either adding a new GC, or changing the plumbing of an existing GC.

Kit Includes:

- 10 Swagelok 1/8" Brass Nuts
- 10 Swagelok 1/8" Brass Front Ferrules
- 10 Swagelok 1/8" Brass Back Ferrules
- 5 Swagelok 1/8" Brass Tees
- 1 7/16" Wrench
- 1 1/2" Wrench
- 1 50' Roll Pre-cleaned 1/8" Copper Tubing
- 1 Reamer Tool

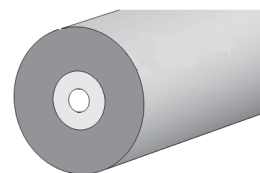


GC "Hook-Up" Kit	
Description	Part Number
GC "Hook-Up" Kit	<b>O-5170</b>

## Tubing - Fused Silica

### PEEKsil™ Tubing

PEEKsil™ is polymer-sheathed fused silica tubing with an effective outside diameter of 1/32" or 1/16". The sheathing polymer is polyether ethyl ketone (PEEK) that is mechanically strong and has ideal characteristics for sealing with conventional metal or polymer ferrule systems. PEEKsil™ may be used as a direct replacement for conventional stainless steel as well as a replacement for PEEK tubing used in liquid chromatography systems.



#### 1/32" OD PEEKsil™ Tubing

Internal Diameter	Colour	Part Number 50mm Length (2 Pack)	Part Number 100mm Length (2 Pack)	Part Number 250mm Length (2 Pack)	Part Number 500mm Length (2 Pack)
0.025mm	Orange	0624241	0624242	0624245	0624249
0.05mm	Beige	0624261	0624262	0624265	0624269
0.075mm	Black	0624271	0624272	0624275	0624279
0.1mm	Red	0624311	0624312	0624315	0624319
0.15mm	Purple	0624341	0624342	0624345	0624349

#### 1/16" OD PEEKsil™ Tubing

Internal Diameter	Colour	Part Number 50mm Length (5 Pack)	Part Number 100mm Length (5 Pack)	Part Number 200mm Length (5 Pack)	Part Number 500mm Length (2 Pack)
0.025mm	Orange	0624225	0624226	0624228	0624229
0.05mm	Beige	0624251	0624252	0624253	0624250
0.075mm	Black	0624290	0624291	0624293	0624294
0.1mm	Red	0624301	0624302	0624303	0624300
0.15mm	Purple	0624230	0624231	0624233	0624234
0.2mm	Blue	0624202	0624203	0624204	0624201
0.3mm	Grey	0624214	0624215	0624217	0624218
0.53mm	White	0624365	0624366	0624368	0624370

### 363um Fused Silica Tubing

Coated fused silica capillary tubing exhibits remarkable flexibility, with most sizes capable of being looped to a bend radius of 1 inch without the glass fracturing. The key to this flexibility comes from the polyimide coating material that protects the glass from abrasive damage.



#### 363um OD Fused Silica Tubing

Description	ID (mm)	Part Number
Tubing, Fused Silica, 363um OD, 0.025mm ID. 10m Roll	0.025	062710-10M
Tubing, Fused Silica, 363um OD, 0.050mm ID. 10m Roll	0.050	062711-10M
Tubing, Fused Silica, 363um OD, 0.075mm ID. 10m Roll	0.075	062712-10M
Tubing, Fused Silica, 363um OD, 0.150mm ID. 10m Roll	0.150	062713-10M
Tubing, Fused Silica, 363um OD, 0.220mm ID. 10m Roll	0.220	062475-10M
Tubing, Fused Silica, 363um OD, 0.250mm ID. 10m Roll	0.250	062492-10M

#### Deactivated 363um OD Fused Silica Tubing

Description	ID (mm)	Part Number
Tubing, Fused Silica, Methyl Deactivated 363um OD, 0.050mm ID. 2m Roll	0.050	06244503-2M
Tubing, Fused Silica, Methyl Deactivated 363um OD, 0.075mm ID. 2m Roll	0.075	06244502-2M
Tubing, Fused Silica, Methyl Deactivated 363um OD, 0.100mm ID. 25m Roll	0.100	0624455-25M
Tubing, Fused Silica, Methyl Deactivated 363um OD, 0.150mm ID. 5m Roll	0.150	0624475-5M
Tubing, Fused Silica, Methyl Deactivated 363um OD, 0.220mm ID. 5m Roll	0.220	062447-5M
Tubing, Fused Silica, Methyl Deactivated 363um OD, 0.250mm ID. 5m Roll	0.250	0624432-5M



## Tubing Accessories

### 1/16" OD PEEK Tubing Elbows

- Ideal for routing 1/16" OD PEEK tubing
- For optimum radius, prevents kinking



#### 1/16" PEEK Tubing Elbows

Description	Part Number
Tubing Elbow 90°	JR-357090
Tubing Elbow 180°	JR-357180

### Clean-Cut Polymer Tubing Cutter

- Cuts PEEK, PTFE, ETFE and other polymeric tubing
- Cuts 1/32" to 1/8" OD



#### Clean-Cut Tubing Cutter

Description	Part Number
Clean-Cut Tubing Cutter	JR-797
Replacement blade	JR-798

### Tubing Clip

Holds both your 1/16" and 1/8" polymer tubing precisely where they should be in your beakers, flasks and bottles



#### Tubing Clip

Description	Part Number
Tubing Clip (1 Pack)	JR-9001

### Heavy Duty Tube Bender

For bending soft copper, aluminium, brass, stainless steel and other tubing this bender can create accurate tight bends up to 180° in 1/4" to 1/2" and 6mm to 12mm tube.



#### Inner-Outer Tool

Description	Part Number
1/4" Heavy Duty tube Bender	PTB-4T
3/8" Heavy Duty tube Bender	PTB-6T
1/2" Heavy Duty tube Bender	PTB-8T
6mm Heavy Duty tube Bender	PTB-6M
8mm Heavy Duty tube Bender	PTB-8M
10mm Heavy Duty tube Bender	PTB-10M
12mm Heavy Duty tube Bender	PTM-12M

### Metal Tubing Cutter

This is the ideal tool for cutting 1/16" to 1/8" stainless steel tubing, leaving smooth, uniform cuts with a minimum of deburring and/or reaming. The easily replaced cutting wheel scores tubing.



#### Metal Tubing Cutter

Description	Part Number
Metal tubing cutter	JR-792
Replacement cutter wheel	JR-793

### PTC Tube Cutter

The PTC tube cutter cuts stainless steel, soft copper, and aluminium tubing from 1/8" to 1-1/8" and 4 mm to 28 mm O.D.



#### PTC Tube Cutter

Description	Part Number
PTC Tube Cutter	PTC
Replacement cutter wheel	PTC-W

### Mini-Tube Cutter

For those customers working in tight areas or with small size tubing, our Mini-Tube Cutter is the answer. It will work in close spaces on tubing from 1/8" to 5/8".



#### Mini--Tube Cutter

Description	Part Number
Mini Tube Cutter	635B-MINI
Replacement cutter wheel	635B-MINI-W

### Inner-Outer Reaming and Deburring Tool

A quick twist of the wrist will deburr either the O.D. or the I.D. of the tube end. The deburrer can be used on annealed steel, stainless steel, copper or aluminium, for tube sizes 3/16" to 1-1/2" O.D.



#### Inner-Outer Tool

Description	Part Number
Inner-Outer Tool	4312