

# Consumables - Fittings

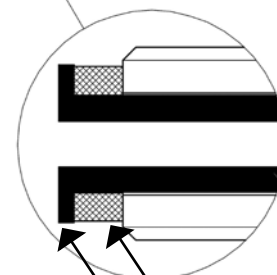
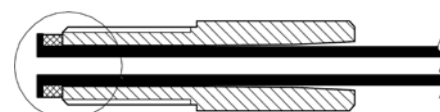
Low pressure

## Flanged fittings (1/4"-28)

- Compatible with all 1/4"- 28 flat bottom ports
- Flange connections

We recommend our "Flanging tool" for flanging PTFE tubing.

	Color	Qty	1/16" (Tubing OD)	1/8" (Tubing OD)
Flanged nuts Polyacetal	Black	10	215140	215130
	White	10	215141	215131
Flanged nuts - PPS hexagonal head	Black	10	D10010	D04150
Washer flanged polypropylene		10	215401	215151
Flanging tool kit		1 kit	737351	



Washer

Flange on the end of PTFE tubing



737351

# Consumables - Fittings

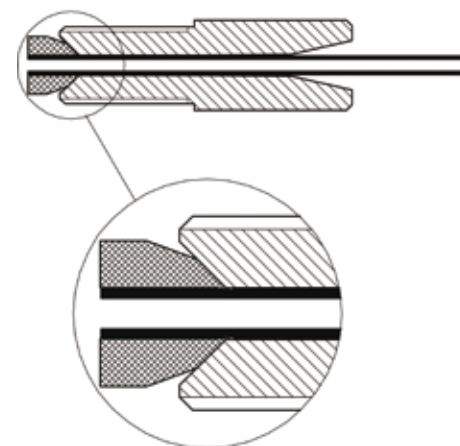
Low pressure

## Flangeless Fitting (1/4"-28)

- Inverted ferrule connection
- Compatible with all 1/4"-28 flat bottom ports
- No flanging tool required

Item	Color	Qty	1/16" (Tubing OD)	1/8" (Tubing OD)
Flangeless nuts - Polyacetal Knurled head	Max pressure		70 Bars – 1000 PSI	35 Bars – 500 PSI
	White	10	177810	245490
	Black	10	245480	245540
	Blue	10	231532	245552
	Green	10	187202	245510
	Yellow	10	245472	245532
Flangeless nuts - PEEK Knurled head	Max pressure		105 Bars – 1500 PSI	35 Bars – 500 PSI
	White	10	167150	921390
	Black	10	167260	167310
	Blue	10	167220	167290
	Green	10	167250	167300
	Yellow	10	167200	167270
Flangeless nuts – PPS Hexagonal head	Max pressure		105 Bars – 1500 PSI	35 Bars – 500 PSI
	Black	10	D18570	D30160
Ferrules – ETFE	Natural	10	163800	163840
Cap 1/4" - 28 - PEEK		1	526730	
Union 1/4" - 28 - Polyamid	Natural	5	187210	
Union 1/4" - 28 - PEEK	Natural	1	778880 (0.5 mm bore)	779080 (1.27 mm bore)

PEEK : PolyEtherEtherKetone  
PPS : PolyPhenylene Sulphide

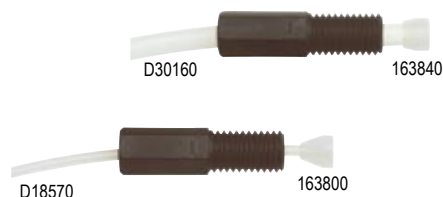


245532



187210

778880



D30160

163840

D18570

163800

# Consumables - Fittings

High pressure

## 1/16" Sure-Fit Connector

### The ultimate finger-tight fitting :

- Spring-loaded mechanism ensures proper fit
- No wrenches or holders required
- Universal adapter, adjusted to any seat, depth or style 10-32
- Self adjusting to any port depth regardless of column manufacturer
- Withstands pressures up to 410 Bar / 6000PSI
- Reusable

## Stainless steel tubing

### Single end unit

Overall length /tubing ID	0.13 mm	0.17 mm	0.25 mm	0.50 mm
6 cm	AH1591	469091	470711	
10 cm	AH1601	469601	470891	
20 cm	AH1611	469641	470921	
30 cm	AH1621	469701	470971	471011

### Double end unit

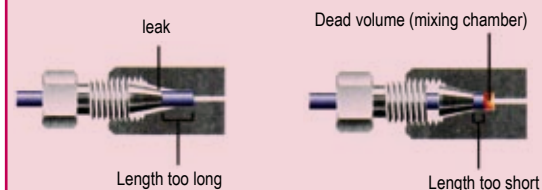
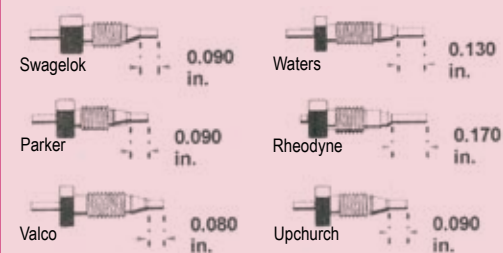
Overall length /tubing ID	0.13 mm	0.17 mm	0.25 mm	0.50 mm
10 cm	AH6141	471051	471101	
20 cm	AH6151	471061	471111	
30 cm	AH6161	471071	471131	471181



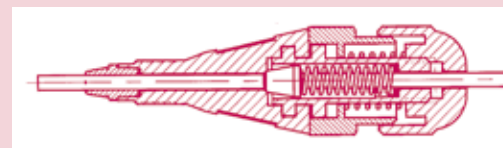
Stainless Steel Double end

## Sure-Fit vs competitors

The "Sure-Fit" connector is better than other commercially available finger tight fittings..

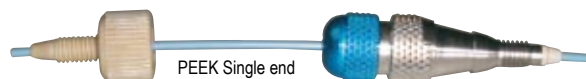


Sure-Fit's self adjusting mechanism eliminates leaks and dead volume



# Consumables - Fittings

High pressure



## PEEK tubing

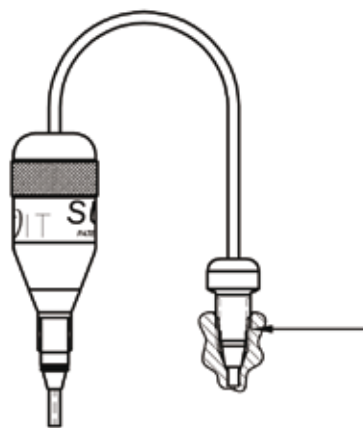
### Single end unit

Overall length /tubing ID	0.13 mm	0.17 mm	0.25 mm	0.50 mm
10 cm	AH3720	AH3450	AH3540	AH3630
15 cm	AH3730	AH3460	AH3550	AH3640
20cm	AH3740	AH3470	AH3560	AH3650
30 cm	AH3750	AH3480	AH3570	AH3660
40 cm	AH3760	AH3490	AH3580	AH3670
50 cm	AH3770	AH3500	AH3590	AH3680
60 cm	AH3780	AH3510	AH3600	AH3690
80 cm	AH3790	AH3520	AH3610	AH3700
100 cm	AH3800	AH3530	AH3620	AH3710

Interchangeable peek tubing (on demand)



BZ3050



10-32 CAPILLARY PORT  
OF HP1100 INSTRUMENT.



## Agilent /Waters Sure-Fit

Instrument	Specific Sure-Fit		0.13 mm μflow	0.17 mm standard	0.25 mm high flow	0.5 mm prep flow
HP1100	Input column capillary (7.5 cm)	PEEK	CD7640	BY0390	CD7650	CD7660
		SS	CD7610	BY7080	CD7620	CD7630
HP1100	Kit Input column capillary (7.5 cm) + Output column capillary (10 cm)	PEEK	CD7700	CD7710	CD7720	CD7730
		PEEK	CD7750	CD7760	CD7770	CD7780
Waters Alliance	Kit Input column capillary (30 cm) + Output column capillary (30 cm)	PEEK	CD7840	CD7850	CD7860	CD7870
		PEEK	CD7880	CD7890	CD7900	CD7910
Waters 717/WISP	Kit Input column capillary (80 cm) + Output column capillary (20 cm)	PEEK	CD7880	CD7890	CD7900	CD7910

# Consumables - Fittings

High pressure

## Stainless steel Nuts - [10-32 - 1/16" tubing OD]

	Universal	Waters	Valco
10-32 male nut (1/16" Tubing OD)	AB8781	176516	16378S
1/16" ferrule	BE5071	BE5076	16380S



## Stainless steel Plugs & Caps

	1/16" (Tubing OD)	1/8" (Tubing OD)
Plugs	314685	314695
Caps	311893	311894



## Stainless Steel unions - 1/16"

Through hole	Upchurch / Parker	Waters	Valco
0.010" - 0.25 mm	907591		
0.020" - 0.50 mm	CM0310	CM0320	AD9591
0.050" - 1.27 mm	AE3021		
0.062" - 1.57 mm	AB6420		



# Consumables - Fittings

High pressure PEEK fittings - [10-32 - 1/16" Tubing OD]

## PEEK one piece finger tight fittings (knurled head)

Uptisur™ fittings : machined version

	Knurled head
P/N (10 units)	468450

Standard fittings : molded version

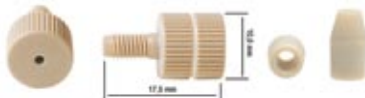
Color	Natural	Black	Red	Yellow	Blue	Green
P/N (10 units)	780771	982850	982860	982870	982880	982890

## PEEK one piece finger tight fittings (hexagonal head)

Type	Short 17 mm	Long 20 mm	Knurled & hex head
P/N (10 units)	T7857S	T7857L	T7857F

## PEEK nuts with single ferrule

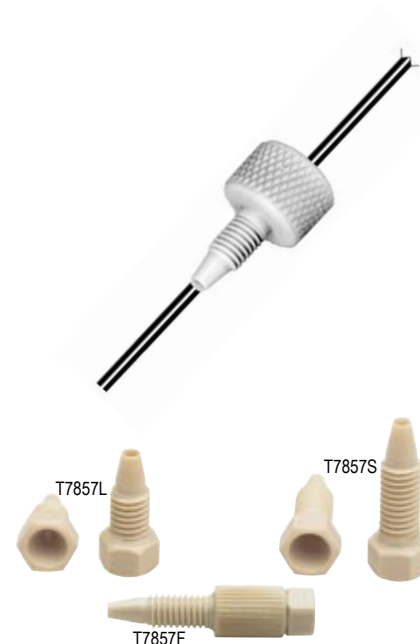
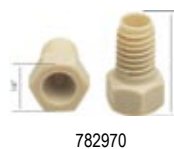
	Qty	Knurled head
Nuts PEEK	5	821461
Single Ferrules	5	780760



## PEEK nuts with double ferrules

High-pressure 420 Bar (6000PSI)  
Ideal for use with 1/16" PEEK tubing

	Qty	Long, Hex-head	Short, Hex-head	Knurled head
Nuts PEEK	5	147720	783970	875530
Double Ferrules	5	783960	783960	783960



# Consumables - Fittings

## Unions

### PEEK Adaptators

Inlet - Outlet		1/4"-28 female	M6 female	Luer female	Luer male	10-32 female
1/4" - 28	female	778880 (9)	654811 (2)	U86320 (4)	U86330 (3)	737660 (1)
1/4" - 28	male		U86260 (6)	871233 (8)	GC4420 (7)	U86240 (5)
M6	female			D51781 (13)	D51771 (12)	654754 (10)
Luer	female					962551 (14)
Luer	male					239681 (15)
10 - 32	female					869290 (11)

Numbers in brackets refer to the relative diagrams in fig 1.



fig 1.

