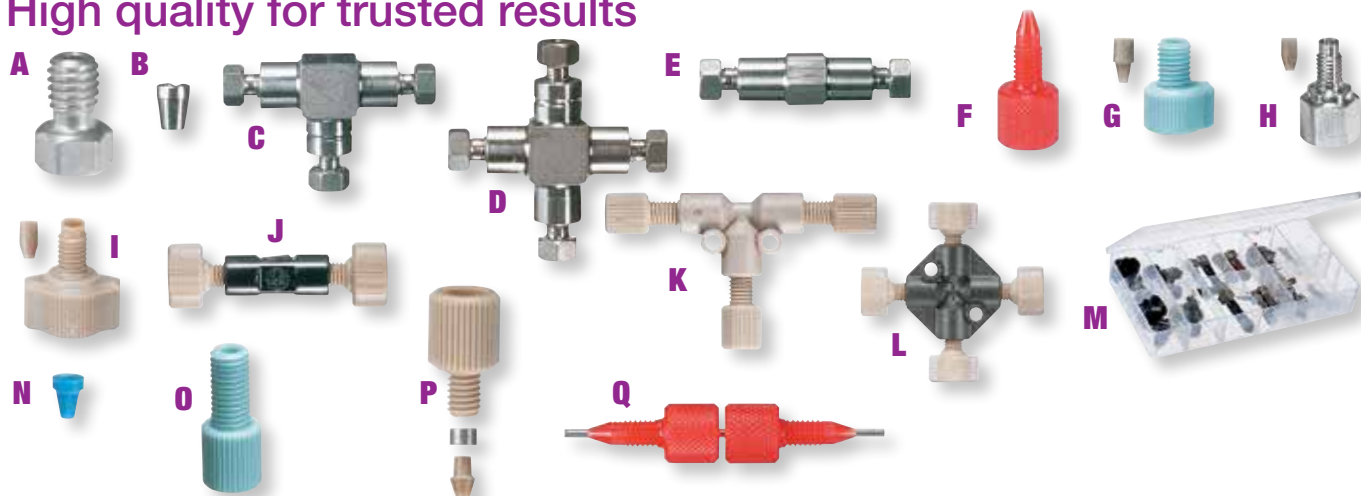


Upchurch Scientific® Chromatography Fittings

High quality for trusted results



A-E. Stainless Steel Fittings include nuts and ferrules. They are equivalent to Parker and Swagelok®. Tees and crosses connect two or more columns from the injector (0.020" bore), and join multiple solvent lines before the injector (0.040" bore). Tees and crosses take 1/16" OD tubing. Tee includes three ferrules and nuts each. Cross includes four ferrules and nuts each. Zero dead-volume (ZDV) unions connect tubing without any dead volume.

F. Standard Fingertight® I High-Pressure Fittings are in one piece, and are finger tightened to withstand 4000 psi. Use with 1/16" OD plastic or SS tubing.

G-H. Standard Fingertight II High-Pressure Fittings hold up to 6000 psi. Wrench tighten the SS nut/PEEK[†] ferrule type to hold up to 10,000 psi. Use with 1/16" OD plastic or SS tubing.

I. PEEK[†] Fingertight III Fittings withstand bursting pressures of any 1/16" OD tubing or to 6000 psi. Replacement ferrules available below right.

J-L. PEEK[†] High-Pressure Unions, Tees, and Crosses hold up to 5000 psi and include Fingertight III fittings. Fittings work with any 1/16" OD tubing.

J-L. PEEK[†] Low-Pressure Unions, Tees, and Crosses hold up to 1000 psi (1/16" tubing), or to 500 psi (1/8" tubing). PEEK flangeless fittings included. Models 02008-00, -10, and -20 take 1/16" OD tubing; models 02008-04, -14, and -24 take 1/8" OD tubing.

M. PEEK[†] Fitting Kit contains twenty ferrules, six Fingertight III nuts with ferrules, two metric adapters, two 10-32 female to 1/4-28 female adapters, two unions with 0.020" bore, one union with 0.050" bore, tees with 0.020" bore and 0.050" bore each, and crosses with 0.020" and 0.050" bore each.

N-O. Flangeless Fittings are easy to assemble; slide the ferrule over the tubing and finger tighten the nut. No need to flange your PTFE tubing. Models 01939-30, -32 take 1/16" OD tubing and are rated at 1000 psi; models 01939-32, -42 take 1/8" OD tubing and are rated at 500 psi. Feature 1/4-28 threads.

P. LiteTouch® Ferrule Systems feature unique double-coned ferrule and SS compression ring. Won't twist tubing while disconnecting. Compression ring remains attached to tubing for quick reconnection. Rated for 5000 psi (01939-36) or 7000 psi (01939-34 and -44). Order tool 01939-39 (at right) to remove compression ring. Order SS nuts ("A") or PEEK nuts ("P") in table.

Q. Column Couplers allow zero dead-volume connections between column and column, column and detector, or column and guard column. Include a 5-cm length of 0.007" ID tubing.

Key	Description	Qty	Cat. no.	Price
Stainless steel fittings				
A	1/16", male nut	Pk of 10	GH-01939-80	
B	1/16", ferrule	Pk of 10	GH-01939-90	
C	0.020" bore, tee	1	GH-01939-50	
	0.040" bore, tee	1	GH-01939-52	
D	0.020" bore, cross	1	GH-01939-60	
	0.040" bore, cross	1	GH-01939-62	
E	0.020" bore, ZDV union, joins 1/16" tubing	1	GH-01939-70	
	0.010" bore, ZDV union, joins 0.005" or 0.007" tubing	1	GH-01939-72	
Standard Fingertight® I high-pressure fittings				
F	10-32, CTFE nut/CTFE ferrule	Pk of 10	GH-01939-20	
	1/4-28, CTFE nut/CTFE ferrule	Pk of 10	GH-01939-22	
Standard Fingertight II high-pressure fittings				
G	10-32, acetal male nut/PEEK ferrule	Pk of 10	GH-01939-00	
	1/4-28, acetal male nut/PEEK ferrule	Pk of 10	GH-01939-02	
H	10-32, SS male nut/PEEK ferrule	Pk of 10	GH-01939-10	
	1/4-28, SS male nut/PEEK [†] ferrule	Pk of 10	GH-01939-12	
PEEK[†] Fingertight III fittings				
I	10-32, nut/ferrule	1	GH-02007-00	
	1/4-28, nut/ferrule	1	GH-02007-02	
PEEK[†] high-pressure unions, tees, and crosses				
J	0.020" bore, union	1	GH-02008-02	
	0.050" bore, union	1	GH-02008-06	
K	0.020" bore, tee	1	GH-02008-12	
L	0.020" bore, cross	1	GH-02008-22	
	0.050" bore, cross	1	GH-02008-26	
M	PEEK fitting kit	1	GH-02008-50	
PEEK[†] low-pressure unions, tees, crosses and fitting kit				
J	0.020" bore, union	1	GH-02008-00	
	0.050" bore, union	1	GH-02008-04	
K	0.020" bore, tee	1	GH-02008-10	
	0.050" bore, tee	1	GH-02008-14	
L	0.020" bore, cross	1	GH-02008-20	
	0.050" bore, cross	1	GH-02008-24	
M	PEEK fitting kit	1	GH-02008-52	
Flangeless fittings				
N	1/16", ETFE ferrule	Pk of 10	GH-01939-30	
	1/8", ETFE ferrule	Pk of 10	GH-01939-32	
O	1/16", ETFE male nut	Pk of 10	GH-01939-40	
	1/8", ETFE male nut	Pk of 10	GH-01939-42	
LiteTouch® ferrule systems				
P	1/16", PEEK ferrule system	Pk of 10	GH-01939-34	
	1/8", PEEK ferrule system	Pk of 10	GH-01939-36	
	1/16", PEEK nut	Pk of 10	GH-01939-44	
	1/8", PEEK nut	Pk of 10	GH-01939-46	
Column couplers				
Q	Two CTFE fittings, built-in nuts and ferrules	1	GH-01939-95	
	Two sets of acetal nuts/ketone ferrules	1	GH-01939-96	

[GH-02007-50](#) Replacement ferrule for "I" fitting 02007-00

[GH-02007-52](#) Replacement ferrule for "I" fitting 02007-02

[GH-01939-39](#) Removal tool for "P" ferrule systems

[†]Maximum operating temperature is 302°F (150°C).