



CHROMATOGRAPHIC SPECIALTIES INC.

PARTS FOR AGILENT 1100 AND 1200 HPLCs

Check Valves (with Ceramic Ball and Seat)

Product Number	Description	Qty	Equivalent to Agilent Number
M275601330	Housing & Cartridge, OPTI-MAX® Outlet	1	G1311-60012 G1312-60012G G1312-60067
M105602004	Replacement Cartridges, OPTI-MAX®, 1/8" Ball	2	-
M273804713	Replacement Cartridge for Active Inlet Valve, 600 bar	1	5062-8562
M277601330	OPTI-MAX® Outlet Cartridge for UHPLC Pressures (20,000 psi+), 1/16" Ceramic Ball & Seat, SS Cartridge, Agilent 1200, 1220, & 1260	1	G1312-60067
M278601330	OPTI-MAX® Outlet Cartridge for UHPLC Pressures (20,000 psi+), 1/16" Double Ceramic Ball & Seat, SS Replacement Cartridge, Agilent 1200, 1220, & 1260	1	G1312-60067
M274705033	Passive Inlet Check Valve, Agilent 1220/1260	1	G1312-60066

Replace any 400 bar Agilent outlet valve with an OPTI-MAX® Check Valve

- Faster changes and longer life to save you money!
- Free turn housings



M275601330

Pistons and Seals

M273601570	Piston Seal, UHMW-PE, OPTI-SEAL®	1	0905-1420
M273601571	Piston Seal, UHMW-PE, OPTI-SEAL®	10	0905-1420
M273601572	Piston Seal, ITB™ PTFE	1	5063-6589
M273601573	Piston Seal, ITB™ PTFE	10	5063-6589
M273400658	Piston, Sapphire	1	5063-6586
M273602364	Wash Seal, UHMW-PE, OPTI-SEAL®	1	0905-1175
M273602851	Gasket, Wash Seal	6	5062-2484



M273601570

Purge and Mixing Valve

C56018AG	Frits, PTFE, Purge valve	5	01018-22707
M273102853	Seal Cap, 2-in-1 (Replaces two part Agilent cap with a single part)	1	5067-4728
UAG131167701T	Valve, Multi-Channel Gradient	1	G1311-67701



M273102853

on Agilent Purge Valve Base

Autosampler Parts

M273103212	Rotor Seal Assembly, Vespel	1	0100-1853
RK26424	Stator Face Assembly	1	0100-1851
C56028AG	Needle	1	G1313-87201
M273103329	Needle Seat Assembly with convenient 1 Piece Ferrule	1	G1329-87017
M273103146	Needle Seat Assembly with 2 Piece Ferrule	1	G1329-87017

Detector Lamps

C55D401AGLL	CHROMSPEC™ Lamp, Longlife D ₂ for VWD*	1	G1314-60100
C55D501AGLL	CHROMSPEC™ Lamp, Longlife D ₂ for DAD & MWD*	1	2140-0813
C55D701AGLL	Deuterium Lamp, CHROMSPEC, Longlife, For Agilent 1100/1200 DAD (To Fit G1315/G1365 C&D, G7115A, G7165A Series Detectors)	1	2140-0820
C55D801AGLL	Deuterium Lamp, CHROMSPEC, Longlife, For Agilent 1290 DAD	1	5190-0917



C55D401AGLL

Lamps are also available in packs of 6

*CHROMSPEC™ brand Deuterium lamps are compatible with Agilent 1200 series detectors, but do not have an RFID chip. Installation date and serial numbers need to be entered manually when lamp is replaced.



Want to keep your 1100 running after Agilent's end of service?
Contact our Technical Support Team for continued Agilent 1100 parts support.

We also carry many more parts for 1100, 1200, as well as 1260 series HPLCs.

1-800-267-8103 • www.chromspec.com • sales@chromspec.com



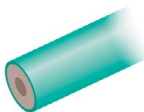
UNIVERSAL HPLC AND UHPLC FITTINGS

HPLC Tubing and Fittings

For systems running at <6,000 psi. Also ideal for UHPLC systems after the column!

1/16" PEEK® Tubing – Dual Layer Colour Coded, Straight

- Undyed core & dyed shell = permanent, easy to see size information
- No leaching concerns
- Same pressure rating, same great price as our dyed, undyed, striped tubing



Product Number	ID mm (in)	Colour Code	Pressure Limit (psi)	Qty
C446007D	0.13 (0.005)	Red	6700	10 ft
C446008D	0.18 (0.007)	Yellow	6400	10 ft
C446009D	0.25 (0.010)	Blue	6100	10 ft

More diameters and lengths are available.

One-Piece PEEK® Fingertight Fittings

- Easy to use, no separate ferrule to fumble with
- Inexpensive, seal to 5,000 psi
- Contact us for colour coded part numbers



Product Number	Description	Qty
C44550205	Fingertight Fitting, Natural	5

PEEK® Nuts And Double Ferrules

- Separate nut and ferrule for better seal
- 6,000 psi hand or wrench tight



C4455805	PEEK® Handtight Nut	5
C4455105	PEEK® Hex-Head Nut	5
C4450045	PEEK® Double-Ferrule	5

Optimize Opti-Solv® In-Line Filters

- In-line filter gives easy, inexpensive protection for standard analytical columns
- Use Gorilla-Grip for easy hand-tight operation; wrench-tight filter is narrower for confined spaces
- Mini-filter uses depth filtration for reliable low-volume / fast HPLC work



M100403685	OPTI-SOLV® In-Line Filter, Gorilla-grip*	1
M100403686	OPTI-SOLV® In-Line Filter, wrench-tight*	1
M100400103	OPTI-SOLV® In-Line Filter, Replacement Frits, 2µm	10
M100400097	OPTI-SOLV® Mini-Filter, 2µm, SS frit	5

* Requires Frits

Mobile Phase Filters

- Your first line of defense against particles or dust entering through your mobile phase bottles



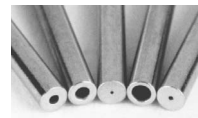
C4446772	Filter, Last Drop Economy, 2µm, 22mm OD, SS	1
C4490000530	Filter, Last Drop with Tripod Tubing Connector, 2µm, SS	1
RK26431	Bluestem Glass Solvent Filter, 15µm	1
RK26392	PTFE Adapter for Bluestem Filter	4
M100400071	Solvent Reservoir Filter, Hastelloy C, for 1/16" ID Tubing, 2µm	1

UHPLC Tubing and Fittings

Recommended for systems operating at >6,000 psi (400 bar). Also suitable for demanding HPLC applications.

1/16" 316 Stainless Steel Capillary Tubing

- Bulk Tubing
 - High quality, low cost per foot
 - Cuts depend on user skill
- Pre-cut Tubing
 - All cuts smooth, square, free of metal fragments
 - Convenient sizes, more economical than custom cut tubing



Length	0.005" ID (17,250psi*)	0.010" ID (15,750psi*)	0.020" ID (12,750psi*)
5 cm	VT5C5D	VT5C10D	VT5C20D
10 cm	VT10C5D	VT10C10D	VT10C20D
20 cm	VT20C5D	VT20C10D	VT20C20D
30 cm	VT30C5D	VT30C10D	VT30C20D
10ft	VTSS105S10F	VTSS110S10F	VTSS120S10F

* Calculated ASME maximum working pressure for 316 grade tubing

Optimize EXP™ Reusable Fittings

- Handtight seal to 8,700 psi, wrench-tight to 20,000 psi
- No permanent swage for easy repeat connections



Product Number	Description	Qty
M152003888	EXP™ Hand-Tight Nut and Titanium Hybrid Ferrule	1
M152003833	EXP™ 10-32 Hex Head Male Nut, Stainless Steel, Standard Length	1
M152403831	EXP™ Titanium Hybrid Ferrule	1
M152403832	EXP™ Titanium Hybrid Ferrule	10

VICI SS Nuts & Ferrules

- Ideal for making repeated or long term connections to one location



C34200	Standard Zero Volume Nut, 1/16", SS	10
C34202	Ferrule, 1/16", 303SS	10

We also offer:

- Tubing Cutters
- Membrane Filters
- Degassers
- Vials and Septa

