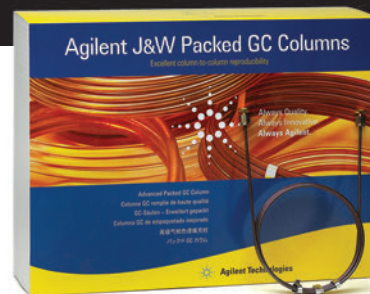




**More confidence
in every separation**

**More choices
for every application**



Agilent J&W Packed GC Columns Selection Guide



Agilent's full portfolio of high-performance packed GC columns is now at your fingertips

Agilent J&W packed GC columns are designed and manufactured to offer excellent, reproducible performance for all sample types associated with packed column separations. Key advantages include:

- **A range of tubing materials** – including stainless steel, UltiMetal, nickel, glass, copper and PTFE – plus hundreds of stationary phases, packings, and supports to suit your specific application needs. You can also create your own custom configurations.
- **Rigorous, highly efficient packing technology** ensures column-to-column reproducibility.
- **UltiMetal treated stainless steel tubing** allows for improved inertness and peak shape performance for improved sensitivity and data confidence.
- **Worry-free compatibility:** Column configurations are available for all major GC brands, past and present.



We've made it easy to select and order the columns you need

Simply consult the part number tables on the following pages, or create your own custom-configured columns in minutes online.

And remember, Agilent's industry-leading instruments, services, global technical support, and quick shipping gives you even more confidence in your column... and in your every separation.

Inside you will find all the information you need to quickly select the right packed column for your application

5% Carbowax 20M					
Length	OD (in.)	ID (mm)	Support	Mesh	Stainless S
2 m	1/8	2	Chromosorb WAW	80/100	
2.2 m	1/8	2	Chromosorb WHP	100/120	G3591-8008

20% Carbowax 20M					
Length	OD (in.)	ID (mm)	Support	Mesh	Stainless S
3.0 m	1/8	2	Chromosorb WHP	80/100	G3591-8008

Part number listings, organized by stationary phase **Pages 4-13**

Number of supports*		Column Packing Information	
1			
Select Support 1*			
Mesh size conversion to μm		Chromosorb W AW (40-60 Mesh)	
Mesh	30	40	50
μm	500	400	300
Is Phosphoric Acid or Potassium Hydroxide used?		Chromosorb W AW (80-100 Mesh)	
<input type="checkbox"/> Phosphoric Acid (H ₃ PO ₄)		Chromosorb W AW-DMCS (100-120 Mesh)	
<input type="checkbox"/> Potassium Hydroxide (KOH)		Chromosorb W AW-DMCS (45-60 Mesh)	
<input type="checkbox"/> None		Chromosorb W AW-DMCS (80-80 Mesh)	
		Chromosorb W AW-DMCS (80-100 Mesh)	
		Chromosorb W HMDS (100-120 Mesh)	
		Chromosorb W HMDS (45-60 Mesh)	

Easy ordering guide for custom column configurations **Pages 14-15**



Packed GC column supplies, sample prep, CrossLab and services **Pages 16-18**



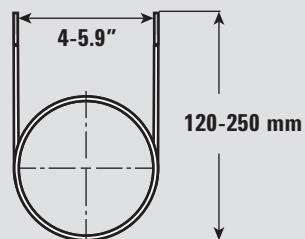
To learn more about Agilent J&W packed GC columns, and to view some helpful resources, go to: www.agilent.com/chem/packedcolumns

Agilent J&W packed GC columns with standard bend configuration for all instruments

All Agilent J&W packed GC columns are preconditioned at 20 °C below the maximum allowable temperature for each column for a minimum of 6 hours (with a maximum temperature of 325 °C).

Packed column bend configurations for all instruments

Diameter of winding
depends on length of column



All columns in this brochure can bend to fit Agilent and non-Agilent instruments with no impact on performance.



Carbosieve S-II

Length	OD (in)	ID (mm)	Mesh	UltiMetal	Stainless Steel	Max Temp.
20 in (0.51 m)	1/8	2	80/100	G3591-81105	G3591-80105	225 °C

15% Carbowax 1540

Length	OD (in)	ID (mm)	Support	Mesh	UltiMetal	Stainless Steel	Nickel	Max Temp.
15 ft (4.57 m)	1/8	2	Chromosorb WHP	60/80	G3591-81095	G3591-80095	G3591-82095	200 °C

5% Carbowax 20M (G16, G\$1)

Length	OD (in)	ID (mm)	Support	Mesh	UltiMetal	Stainless Steel	Nickel	Max Temp.
7.22 ft (2.2 m)	1/8	2	Chromosorb WHP	100/120	G3591-81084	G3591-80084	G3591-82084	250 °C

10% Carbowax 20M (G16, G\$1)

Length	OD (in)	ID (mm)	Support	Mesh	Stainless Steel	Max Temp.
6.56 ft (2 m)	1/8	2	Chromosorb WHP	80/100	G3591-70016	250 °C

10% Carbowax 20M (G16, G\$1) + 2% KOH

Length	OD (in)	ID (mm)	Support	Mesh	Stainless Steel	Max Temp.
5.91 ft (1.8 m)	1/8	2	Chromosorb WHP	80/100	G3591-70012	250 °C

20% Carbowax 20M (G16, G\$1)

Length	OD (in)	ID (mm)	Support	Mesh	UltiMetal	Stainless Steel	Nickel	Max Temp.
9.84 ft (3 m)	1/8	2	Chromosorb WHP	100/120	G3591-81099	G3591-80099	G3591-82099	250 °C

7% Carbowax M + 3% Polyphenolether 6 ring + 2% KOH

Length	OD (in)	ID (mm)	Support	Mesh	UltiMetal	Nickel	Max Temp.
4 ft (1.22 m)	1/8	2	Chromosorb WAW	80/100	G3591-81050	G3591-82050	250 °C

Carboxen-1000

Length	OD (in)	ID (mm)	Mesh	UltiMetal	Stainless Steel	Max Temp.
10 ft (3.05 m)	1/8	2	60/80	G3591-81055	G3591-80055	225 °C

Chromosorb 101

Length	OD (in)	ID (mm)	Mesh	UltiMetal	Stainless Steel	Max Temp.
6 ft (1.83 m)	1/8	2	80/100	G3591-81021	G3591-80021	275 °C

Chromosorb 102

Length	OD (in)	ID (mm)	Mesh	UltiMetal	Stainless Steel	Nickel	Max Temp.
2 ft (0.61 m)	1/8	2	80/100	G3591-81139	G3591-80139	G3591-82139	250 °C

To learn more about Agilent J&W packed GC columns, and to view some helpful resources, go to:
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1.2% DC-200 (500 cSt)

Length	OD (in)	ID (mm)	Support	Mesh	UltiMetal	Max Temp.
20 in (0.51m)	1/8	2.1	Chromosorb PNAW	80/100	G3591-81177	250 °C

25% DC-200 (500 cSt)

Length	OD (in)	ID (mm)	Support	Mesh	UltiMetal	Stainless Steel	Nickel	Max Temp.
15 ft (4.57 m)	1/8	2	Chromosorb PAW	80/100	G3591-81001	G3591-80001	G3591-82001	250 °C
15 ft (4.57 m)	1/8	2.1	Chromosorb PAW	80/100	G3591-81201*			250 °C

*Specially coiled for Agilent large valve oven, 41 mm mandrel

30% DC-200 (500 cSt)

Length	OD (in)	ID (mm)	Support	Mesh	UltiMetal	Stainless Steel	Nickel	Max Temp.
1.5 ft (0.46 m)	1/8	2.1	Chromosorb P NAW	80/100	G3591-81217**			250 °C
2 ft (0.61 m)	1/8	2	Chromosorb PAW	60/80	G3591-81160	G3591-80160		250 °C
15 ft (4.57 m)	1/8	2.1	Chromosorb PAW	80/100	G3591-81201**			250 °C
20 ft (6.1 m)	1/8	2	Chromosorb PAW	100/120	G3591-81140	G3591-80140	G3591-82140	250 °C
24 ft (7.32 m)	1/8	2.1	Chromosorb P NAW	80/100	G3591-81218**			250 °C
30 ft (9.14 m)	1/8	2	Chromosorb PAW	60/80	CP2058*			250 °C
30 ft (9.14 m)	1/8	2	Chromosorb PAW	80/100	G3591-81082	G3591-80082	G3591-82082	250 °C
30 ft (9.14 m)	1/8	2	Chromosorb PAW	60/80	G3591-81161	G3591-80161		250 °C

*Preconditioned and pretested

**Specially coiled for Agilent large valve oven, 41 mm mandrel

35% DC-200 (500 cSt)

Length	OD (in)	ID (mm)	Support	Mesh	UltiMetal	Stainless Steel	Nickel	Max Temp.
3 ft (0.91 m)	1/8	2	Chromosorb PAW	80/100	G3591-81039	G3591-80039	G3591-82039	250 °C
5 ft (1.52 m)	1/8	2	Chromosorb PAW	80/100	G3591-81027	G3591-80027		250 °C
10 ft (3.05 m)	1/8	2	Chromosorb PAW	80/100	G3591-81030	G3591-80030		250 °C
30 ft (9.14 m)	1/8	2	Chromosorb PAW	80/100	G3591-81032	G3591-80032	G3591-82032	250 °C

Glass Beads

Length	OD (in)	ID (mm)	Mesh	UltiMetal	Max Temp.
3.28 ft (1 m)	1/8	2	60/80	G3591-81178	400 °C

15% Hallcomid M-18

Length	OD (in)	ID (mm)	Support	Mesh	UltiMetal	Stainless Steel	Nickel	Max Temp.
9.84 ft (3 m)	1/8	2	Chromosorb WHP	100/120	G3591-81067	G3591-80067	G3591-82067	150 °C

HayeSep A

Length	OD (in)	ID (mm)	Mesh	UltiMetal	Max Temp.
1.31 ft (0.4 m)	1/8	2.1	80/100	G3591-81211**	165 °C
2 ft (0.61 m)	1/16	1	80/100	G3591-81212*	165 °C
5 ft (1.52 m)	1/8	2.1	80/100	G3591-81210*	165 °C
5.58 ft (1.7 m)	1/16	1	80/100	G3591-81213*	165 °C

*Specially coiled for Agilent Large Valve Oven, 41 mm mandrel

**Specially coiled for Agilent Large Valve Oven, 25 mm mandrel

HayeSep D

Length	OD (in)	ID (mm)	Mesh	Stainless Steel	Max Temp.
6.56 ft (2 m)	1/8	2	80/100	G3591-80158	290 °C

HayeSep DB

Length	OD (in)	ID (mm)	Mesh	UltiMetal	Stainless Steel	Nickel	Max Temp.
30 ft (9.14 m)	1/8	2	100/120	G3591-81088	G3591-80088	G3591-82088	290 °C

HayeSep N

Length	OD (in)	ID (mm)	Mesh	UltiMetal	Stainless Steel	Nickel	Max Temp.
1.64 ft (0.5 m)	1/8	2	80/100	G3591-81156	G3591-80156		165 °C
1.64 ft (0.5 m)	1/16	1	80/100	CP1307*			165 °C
6 ft (1.83 m)	1/8	2	80/100	G3591-81037	G3591-80037	G3591-82037	165 °C
6 ft (1.83 m)	1/8	2	80/100	CP2068*			165 °C
7 ft (2.13 m)	1/8	2	60/80	G3591-81060	G3591-80060		165 °C
8 ft (2.44 m)	1/8	2	80/100	G3591-81011	G3591-80011	G3591-82011	165 °C
20 ft (6.1 m)	1/8	2	80/100	G3591-81045	G3591-80045		165 °C

*Preconditioned and pretested

HayeSep N + HayeSep R 1:1

Length	OD (in)	ID (mm)	Mesh	UltiMetal	Stainless Steel	Max Temp.
8 ft (2.44 m)	1/8	2	45/60	G3591-81091	G3591-80091	165 °C

HayeSep P

Length	OD (in)	ID (mm)	Mesh	UltiMetal	Max Temp.
6 ft (1.83 m)	1/8	2	80/100	CP2062	250 °C

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HayeSep Q

Length	OD (in)	ID (mm)	Mesh	UltiMetal	Stainless Steel	Nickel	Max Temp.
0.82 ft (0.25 m)	1/16	1	80/100	CP1308*			275 °C
1.64 ft (0.5 m)	1/8	2	80/100	G3591-81023	G3591-80023	G3591-82023	275 °C
1.64 ft (0.5 m)	1/8	2	80/100	CP81073*			275 °C
3 ft (0.91 m)	1/8	2	80/100	G3591-81020	G3591-80020	G3591-82020	275 °C
3.28 ft (1 m)	1/8	2	80/100	G3591-81146	G3591-70007		275 °C
3.28 ft (1 m)	1/8	2	80/100	CP81069*			275 °C
3.9 ft (1.2 m)	1/8	2	80/100			G3591-82159	275 °C
4 ft (1.22 m)	1/8	2	80/100	G3591-81019	G3591-80019		275 °C
4.92 ft (1.5 m)	1/16	1	80/100	CP1305*			275 °C
5.91 ft (1.8 m)	1/8	2	80/100		G3591-70011		275 °C
6 ft (1.83 m)	1/8	2	80/100	G3591-81004	G3591-80004	G3591-82004	275 °C
6.56 ft (2 m)	1/8	2	80/100		G3591-70005		275 °C
8 ft (2.44 m)	1/8	2	80/100	G3591-81047	G3591-80047		275 °C
9 ft (2.74 m)	1/8	2	80/100	G3591-81033	G3591-80033	G3591-82033	275 °C
9.84 ft (3 m)	1/8	2	80/100		G3591-70006		275 °C
10 ft (3.05 m)	1/8	2	80/100	G3591-81002	G3591-80002	G3591-82002	275 °C
10 ft (3.05 m)	1/8	2.1	80/100	G3591-81202**			275 °C
12 ft (3.66 m)	1/8	2	80/100	G3591-82121	G3591-82121	G3591-82121	275 °C

*Preconditioned and pretested

**Specially coiled for Agilent Large valve oven, 41 mm mandrel

HayeSep R

Length	OD (in)	ID (mm)	Mesh	UltiMetal	Stainless Steel	Nickel	Max Temp.
3.28 ft (1 m)	1/8	2	80/100	CP86678*			250 °C
6 ft (1.83 m)	1/8	2	80/100	G3591-81102	G3591-80124	G3591-82102	250 °C
8.53 ft (2.6 m)	1/8	2	80/100	CP86677*			250 °C
12 ft (3.66 m)	1/8	2	80/100	G3591-81100	G3591-80100		250 °C
12 ft (3.66 m)	1/8	2	80/100	CP2055*			250 °C

*Preconditioned and pretested

HayeSep T

Length	OD (in)	ID (mm)	Mesh	UltiMetal	PTFE	Max Temp.
1.64 ft (0.5 m)	1/8	2	80/100	G3591-81143		165 °C
1.64 ft (0.5 m)	1/8	2.4	60/80		G3591-74001	165 °C



MolSieve 5Å

Length	OD (in)	ID (mm)	Mesh	UltiMetal	Stainless Steel	Nickel	Max Temp.
1 ft (0.30 m)	1/8	2	60/80	G3591-81077	G3591-80077		400 °C
1.64 ft (0.5 m)	1/8	2	60/80	G3591-81147			400 °C
1.97 ft (0.6 m)	1/4	4	80/100		G3591-70004		400 °C
3 ft (0.91 m)	1/8	2	60/80	G3591-81103	G3591-80103		400 °C
3 ft (0.91 m)	1/8	2	80/100	G3591-81074	G3591-80074		400 °C
3 ft (0.91 m)	1/8	2	100/120	G3591-81075	G3591-80075		400 °C
3.28 ft (1 m)	1/8	2	80/100		G3591-70008		400 °C
3.28 ft (1 m)	1/8	2	60/80	CP81025*			400 °C
3.28 ft (1 m)	1/8	2	60/80	G3591-81149			400 °C
4 ft (1.22 m)	1/8	2	45/60	G3591-81090	G3591-80090		400 °C
4 ft (1.22 m)	1/8	2	60/80	G3591-81104	G3591-80104	G3591-82104	400 °C
4.92 ft (1.5 m)	1/16	1	80/100	CP1306*			400 °C
5 ft (1.52 m)	1/8	2	80/100	CP2046			400 °C
6 ft (1.83 m)	1/8	2	45/60	CP2065			400 °C
6 ft (1.83 m)	1/8	2	60/80	G3591-81017	G3591-80017	G3591-82017	400 °C
6.56 ft (2 m)	1/8	2	45/60		G3591-70013		400 °C
6.56 ft (2 m)	1/8	2	60/80		G3591-70002		400 °C
6.56 ft (2 m)	1/8	2	80/100		G3591-70003		400 °C
7 ft (2.13 m)	1/8	2	45/60	G3591-81062	G3591-80062		400 °C
7 ft (2.13 m)	1/8	2.1	60/80	G3591-81209**			400 °C
8 ft (2.44 m)	1/8	2	60/80	G3591-81022	G3591-80022	G3591-82022	400 °C
9 ft (2.74 m)	1/8	2	60/80	G3591-81046	G3591-80046		400 °C
9 ft (2.74 m)	1/8	2	80/100	G3591-81064	G3591-80064	G3591-82064	400 °C
10 ft (3.05 m)	1/8	2	80/100	CP2045			400 °C
15 ft (4.57 m)	1/8	2	45/60	G3591-81061	G3591-80061		400 °C
20 ft (6.1 m)	1/8	2	45/60		G3591-80107		400 °C
20 ft (6.1 m)	1/8	2	60/80	G3591-81056	G3591-80056		400 °C
25 ft (7.62 m)	1/8	2	60/80	G3591-81065	G3591-80065		400 °C

*Preconditioned and pretested

**Specially coiled for Agilent Large Valve Oven, 41 mm mandrel



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MolSieve 13X

Length	OD (in)	ID (mm)	Mesh	UltiMetal	Stainless Steel	Nickel	Max Temp.
2 ft (0.61 m)	1/8	2	45/60	G3591-81031	G3591-80031		400 °C
3 ft (0.91 m)	1/8	2	45/60	G3591-81028	G3591-80028		400 °C
3 ft (0.91 m)	1/8	2	45/60	CP2059*			400 °C
3.94 ft (1.2 m)	1/16	1	80/100	CP1309*			400 °C
4 ft (1.22 m)	1/8	2	45/60	G3591-81012	G3591-80012	G3591-82012	400 °C
4.9 ft (1.5 m)	1/8	2	80/100	G3591-81085	G3591-80085		400 °C
4.92 ft (1.5 m)	1/8	2	80/100	CP81071*			400 °C
6 ft (1.83 m)	1/8	2	60/80	G3591-81035	G3591-80035	G3591-82035	400 °C
6.56 ft (2 m)	1/16	1	80/100	G3591-81214*			400 °C
9 ft (2.74 m)	1/8	2	45/60	G3591-81054	G3591-80054		400 °C
9.84 ft (3 m)	1/8	2	45/60		G3591-70017		400 °C
9.84 ft (3 m)	1/8	2	80/100		G3591-70015		400 °C
10 ft (3.05 m)	1/8	2	45/60	G3591-81003	G3591-80003	G3591-82003	400 °C
10 ft (3.05 m)	1/8	2.1	45/60	G3591-81203**			400 °C
10 ft (3.05 m)	1/16	1	60/80	G3591-81097	G3591-80097		400 °C
10 ft (3.05 m)	1/8	2	60/80	G3591-81101	G3591-80101	G3591-82101	400 °C
10 ft (3.05 m)	1/8	2	80/100	G3591-81043	G3591-80043	G3591-82043	400 °C
12 ft (3.66 m)	1/8	2	60/80	G3591-81058	G3591-80058		400 °C
15 ft (4.57 m)	1/8	2	45/60	G3591-81098	G3591-80098		400 °C

*Preconditioned and pretested

**Specially coiled for Agilent Large Valve Oven, 41 mm mandrel

1.5% OV-101

Length	OD (in)	ID (mm)	Support	Mesh	UltiMetal	Stainless Steel	Max Temp.
2 ft (0.61 m)	1/8	2	Chromosorb GHP	100/120	G3591-81162	G3591-80162	350 °C

10% OV-101

Length	OD (in)	ID (mm)	Support	Mesh	UltiMetal	Stainless Steel	Nickel	Max Temp.
2.6 ft (0.79 m)	1/8	2	Chromosorb WHP	60/80	G3591-81048	G3591-80048	G3591-82048	350 °C
5 ft (1.52 m)	1/8	2	Chromosorb PAW	80/100	G3591-81093	G3591-80093	G3591-82093	350 °C

20% OV-101

Length	OD (in)	ID (mm)	Support	Mesh	UltiMetal	Stainless Steel	Nickel	Max Temp.
4 ft (1.22 m)	1/8	2	Chromosorb WHP	80/100	G3591-81025	G3591-80025	G3591-82025	350 °C

10% PEG-20M

Length	OD (in)	ID (mm)	Support	Mesh	UltiMetal	Stainless Steel	Nickel	Max Temp.
6.56 ft (2 m)	1/8	2	Chromosorb W	80/100	G3591-81119	G3591-80119	G3591-82119	250 °C

20% PEG-20M

Length	OD (in)	ID (mm)	Support	Mesh	UltiMetal	Stainless Steel	Nickel	Max Temp.
6.56 ft (2 m)	1/8	2	Chromosorb W	80/100	G3591-81122	G3591-80122	G3591-82122	250 °C
13.1 ft (4 m)	1/8	2	Chromosorb W	80/100	G3591-81123	G3591-80123	G3591-82123	250 °C

Porapak N

Length	OD (in)	ID (mm)	Mesh	UltiMetal	Stainless Steel	Nickel	Max Temp.
3 ft (0.91 m)	1/8	2	80/100	G3591-81072	G3591-80072	G3591-82072	190 °C
3.9 ft (1.2 m)	1/8	2	60/80	G3591-81087	G3591-80087	G3591-82087	190 °C
6 ft (1.83 m)	1/8	2	80/100	G3591-81036	G3591-80036	G3591-82036	190 °C
8.2 ft (2.5 m)	1/8	2	50/80	G3591-81086	G3591-80086		190 °C
9 ft (2.74 m)	1/8	2	80/100	G3591-81044	G3591-80044	G3591-82044	190 °C
12 ft (3.66 m)	1/8	2	60/80	G3591-81059	G3591-80059		190 °C

Porapak N + Porapak R 1:1

Length	OD (in)	ID (mm)	Mesh	Stainless Steel	Max Temp.
12 ft (3.66 m)	1/8	2	50/80	G3591-80110	190 °C

Porapak Q

Length	OD (in)	ID (mm)	Mesh	UltiMetal	Stainless Steel	Nickel	Max Temp.
3 ft (0.91 m)	1/8	2	80/100	G3591-81135	G3591-80135	G3591-82135	250 °C
3.28 ft (1 m)	1/8	2	80/100		G3591-70014		250 °C
5.91 ft (1.8 m)	1/8	2	80/100		G3591-70010		250 °C
6 ft (1.83 m)	1/8	2	60/80	G3591-81136	G3591-80136	G3591-82136	250 °C
6 ft (1.83 m)	1/8	2	80/100	G3591-81013	G3591-80013	G3591-82013	250 °C
6.56 ft (2 m)	1/8	2	80/100		G3591-70001		250 °C
8 ft (2.44 m)	1/8	2	60/80	G3591-81137	G3591-80137	G3591-82137	250 °C
8.2 ft (2.5 m)	1/8	2	80/100	G3591-81083	G3591-80083		250 °C
9 ft (2.74 m)	1/8	2	80/100	G3591-81016	G3591-80016	G3591-82016	250 °C
9.84 ft (3 m)	1/8	2	80/100		G3591-70009		250 °C
9.84 ft (3 m)	1/8	2	60/80	G3591-81179			250 °C
13 ft (3.96 m)	1/8	2	80/100	G3591-81053	G3591-80053	G3591-82053	250 °C
15 ft (4.57 m)	1/8	2	80/100	G3591-81066	G3591-80066		250 °C
25 ft (7.62 m)	1/8	2	100/120	G3591-81052	G3591-80052		250 °C
30 ft (9.14 m)	1/16	1	80/100	G3591-81096	G3591-80096		250 °C

Porapak QS

Length	OD (in)	ID (mm)	Mesh	UltiMetal	Stainless Steel	Nickel	Max Temp.
4.92 ft (1.5 m)	1/8	2	50/80		G3591-70018		250 °C
6.56 ft (2 m)	1/8	2	80/100	G3591-81157	G3591-80157		250 °C
8 ft (2.44 m)	1/8	2	80/100	G3591-81051	G3591-80051	G3591-82051	250 °C

To learn more about Agilent J&W packed GC columns, and to view some helpful resources, go to:
www.agilent.com/chem/packedcolumns

Porapak R

Length	OD (in)	ID (mm)	Mesh	UltiMetal	Stainless Steel	Nickel	Max Temp.
6 ft (1.83 m)	1/8	2	60/80	G3591-81106	G3591-80106	G3591-82106	250 °C

Porapak S

Length	OD (in)	ID (mm)	Mesh	UltiMetal	Max Temp.
9 ft (2.74 m)	1/8	2.1	80/100	G3591-81180	250 °C

Porapak T

Length	OD (in)	ID (mm)	Mesh	UltiMetal	Stainless Steel	Max Temp.
1.5 ft (0.46 m)	1/8	2	80/100	G3591-81138	G3591-80138	165 °C
6.56 ft (2 m)	1/8	2	80/100	G3591-81120	G3591-80120	165 °C

10% SE-30

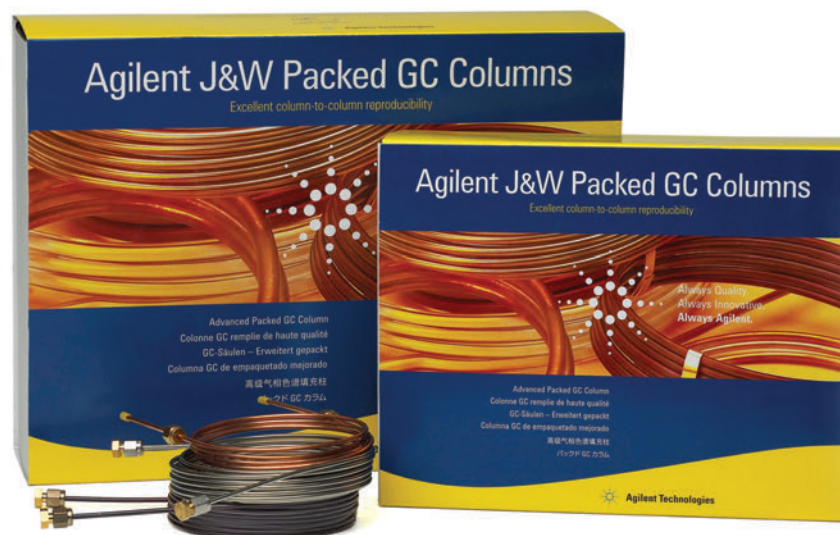
Length	OD (in)	ID (mm)	Support	Mesh	UltiMetal	Max Temp.
2.5 ft (0.76 m)	1/8	2	Chromosorb W	80/100	CP2073	350 °C

20% Sebaconitrile

Length	OD (in)	ID (mm)	Support	Mesh	UltiMetal	Stainless Steel	Nickel	Max Temp.
2 ft (0.61 m)	1/8	2	Chromosorb PAW	80/100	G3591-81029	G3591-80029	G3591-82029	75 °C
19.7 ft (6 m)	1/8	2	Chromosorb PAW	80/100	G3591-81071	G3591-80071		75 °C
30 ft (9.14 m)	1/8	2	Chromosorb PAW	60/80	G3591-81176	G3591-80176	G3591-82176	75 °C
30 ft (9.14 m)	1/8	2	Chromosorb PAW	80/100	G3591-81026	G3591-80026	G3591-82026	75 °C

20% Sebaconitrile/2% H₃PO₄

Length	OD (in)	ID (mm)	Support	Mesh	UltiMetal	Stainless Steel	Nickel	Max Temp.
2 ft (0.61 m)	1/8	2	Chromosorb PAW	80/100	G3591-81015	G3591-80015	G3591-82015	75 °C
30 ft (9.14 m)	1/8	2	Chromosorb PAW	80/100	G3591-81014	G3591-80014	G3591-82014	75 °C



Silica Gel

Length	OD (in)	ID (mm)	Mesh	UltiMetal	Stainless Steel	Max Temp.
2 ft (0.61 m)	1/8	2	60/80	G3591-81141	G3591-80141	200 °C
4 ft (1.22 m)	1/8	2	60/80		G3591-80089	200 °C
4 ft (1.22 m)	1/8	2	60/80	G3591-81142	G3591-80142	200 °C
6 ft (1.83 m)	1/8	2	60/80		G3591-80108	200 °C
10 ft (3.05 m)	1/8	2	60/80	CP2050		200 °C

0.1% SP-1000

Length	OD (in)	ID (mm)	Support	Mesh	UltiMetal	Stainless Steel	Nickel	Max Temp.
7 ft (2.13 m)	1/8	2	Carbopak C	80/100	G3591-81063	G3591-80063	G3591-82063	250 °C

15% SP-2100

Length	OD (in)	ID (mm)	Support	Mesh	UltiMetal	Stainless Steel	Max Temp.
1.64 ft (0.5 m)	1/16	1	Chromosorb PAW	80/100	G3591-80170	G3591-80170	350 °C
7.22 ft (2.2 m)	1/16	1	Chromosorb PAW	80/100	G3591-80171	G3591-80171	350 °C

25% SP-2100

Length	OD (in)	ID (mm)	Support	Mesh	UltiMetal	Stainless Steel	Max Temp.
1.64 ft (0.5 m)	1/16	1	Chromosorb PAW	80/100	G3591-81007	G3591-80007	350 °C
5.7 ft (1.75 m)	1/16	1	Chromosorb PAW	80/100	G3591-81008	G3591-80008	350 °C
15 ft (4.57 m)	1/8	2	Chromosorb PAW	80/100	G3591-81068	G3591-80068	350 °C

20% TCEP

Length	OD (in)	ID (mm)	Support	Mesh	UltiMetal	Stainless Steel	Nickel	Max Temp.
15 ft (4.57 m)	1/8	2	Chromosorb PAW	80/100	G3591-82049*			150 °C
1.84 ft (0.56 m)	1/16	1	Chromosorb PAW	80/100	G3591-81006	G3591-80006		150 °C
5 ft (1.52 m)	1/8	2	Chromosorb PAW	80/100	G3591-81094	G3591-80094		150 °C
15 ft (4.57 m)	1/8	2	Chromosorb PAW	80/100	G3591-81049	G3591-80049	G3591-82049	150 °C

* Specially coiled for Agilent Large Valve Oven, 41 mm mandrel

10% UC W982

Length	OD (in)	ID (mm)	Support	Mesh	UltiMetal	Stainless Steel	Nickel	Max Temp.
1.5 ft (0.46 m)	1/8	2	Chromosorb PAW	80/100	G3591-81034	G3591-80034		300 °C
2 ft (0.61 m)	1/8	2	Chromosorb PAW	80/100	G3591-81040	G3591-80040	G3591-82040	300 °C

12% UC W982

Length	OD (in)	ID (mm)	Support	Mesh	UltiMetal	Stainless Steel	Nickel	Max Temp.
2 ft (0.61 m)	1/8	2	Chromosorb PAW	80/100	G3591-81000	G3591-80000	G3591-82000	300 °C
2 ft (0.61 m)	1/8	2.1	Chromosorb PAW	80/100	G3591-81200*			300 °C
2 ft (0.61 m)	1/8	2.1	Chromosorb PAW	80/100	G3591-81216**			300 °C

*Specially coiled for Agilent Large Valve Oven, 41 mm mandrel

**Specially coiled for Agilent Large Valve Oven, 25 mm mandrel

To learn more about Agilent J&W packed GC columns, and to view some helpful resources, go to:
www.agilent.com/chem/packedcolumns

Unable to find the column you need?

No problem!

Follow these simple instructions to place your custom column order online

1. Visit www.agilent.com/chem/packedcolumnordering
2. **Download the Request for Quotation form**
The Request for Quotation form will open in Adobe Reader.
3. Complete all required fields in the form and use **Submit by E-mail** button to submit.
4. **Send the email to submit your request.**
You can expect a quote within 48 hours – and with our global distribution network, you can count on timely delivery.

Remember, we are continually adding new part numbers, so check our website often.

If you need a part number created for your custom column configuration for easy future ordering, let us know by contacting your Agilent Representative.

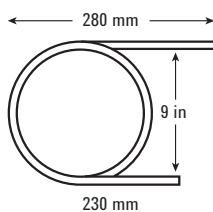
Ordering a glass packed column for your Agilent instrument?

Make sure to select the correct configuration.

The following configurations are available for Agilent 5880, 5890, 6820, 6890, 7820, and 7890 GC models:

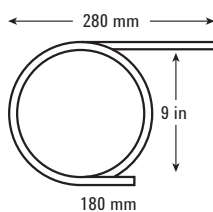
Configuration A:

For 5880A, 5890A, 6890, 7820 and 7890 (systems with jet separator, all detectors except TCD)



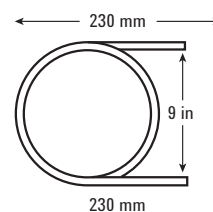
Configuration B:

For 5890A, 5880A, 6890 and 7890 with TCD or MS detector



Configuration C:

For 5880A, 5890A, 6820, 6890, 7820 and 7890 (using liners and disposable glass inserts)



Please be aware above configurations only fit when inlet and detector are at the same position (e.g. inlet front, detector front). If a glass packed column is required for a configuration where inlet and detector are at different positions, please specify the heart-to-heart distance of the legs of the column in the comments section of the Request for Quotation form.

How to complete your online custom packed column request form

Contact information:

Please complete all fields for fastest response.

Customer Contact Information

Date*

First Name*

Last Name*

Company*

E-mail address*

Telephone*

Address line 1*

Address line 2

City*

State/Province

Zip/Postal Code

Country*

Column information:

Choose your quantities and dimensions here.

Configuration Information

Quantity*

Column Tubing*

Length* Feet meter

Inner diameter x outer diameter*

Injection Technique* Not On-Column On-Column

Packed column for Agilent large valve oven?*

No

Yes, 1.625 inch / 41.28 mm mandrel (preferred)

Yes, 1 inch / 25 mm mandrel

Convenient drop-down menus for selecting phases and supports.

Column Packing Information

Number of supports*

Select Support 1*

Mesh size conversion to µm			
Mesh	30	40	50
µm	556	400	319

Is Phosphoric Acid or Potassium Hydroxide required?*

Phosphoric Acid (H₃PO₄)

Potassium Hydroxide (KOH)

None

Column options:

Select fittings and ferrules, preconditioning and testing.

Options

Bend column to specifications (required for 1/4 inch (6.35 mm) and 0.24 inch (6.0 mm) tubing)*

Yes

No

Is preconditioning or pretesting required?*

Preconditioning (25°C below maximum temperature (max 325°C) for 16 hours, no Certificate of Analysis included)

Pretesting (with factory test sample, Certificate of Analysis included)

Preconditioning

Preconditioning and Pretesting

None

What type of nuts are required?*

Brass

Stainless Steel

What type of ferrules are required?*

Brass

Stainless Steel

Graphite

Vespel

Comments:

Use this space for specific requests or questions. If your request is only a small change to a Packed GC Column with a standard part number, please specify this part number in the comments section.

Comments

Please use **Submit by E-mail** button for submission of Request for Quotation form.

Need help completing the form?
Email us at mbgconfig-column@agilent.com

To learn more about Agilent J&W packed GC columns, and to order by part number, go to: www.agilent.com/chem/packedcolumns
Check back often to see our most current list!

To request a custom column configuration, go to: www.agilent.com/chem/packedcolumnsordering

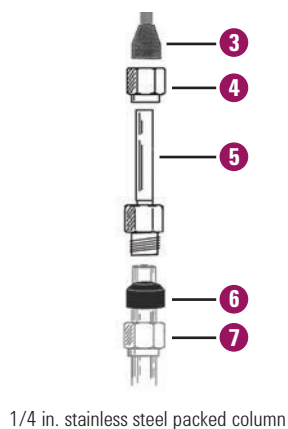
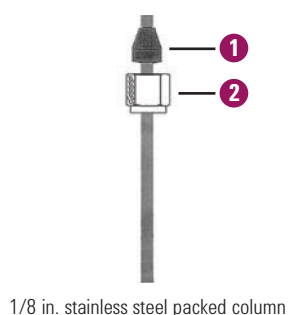
Packed GC column supplies:

Ensure perfect fit and reliable performance for your Agilent J&W packed GC columns

For Agilent 5890, 6890, 7890, 6820, 6850 and 7820 series GC instrument systems

Packed Column Adapters and Liners for the Agilent Purged Packed Inlet

	Part No.
Adapters	
1/8 in. stainless steel column adapter	19243-80510
1/4 in. stainless steel column adapter	19243-80520
Adapters for use with glass liners	
1/8 in. column adapter for use with glass liners	19243-80530
1/4 in. column adapter for use with glass liners	19243-80540
Glass liners	
Disposable glass liner, 170 μ L internal volume, 25/pk	5080-8732
Disposable glass insert, 170 μ L internal volume, deactivated, 5/pk	5181-3382



Packed Column Detector Adapters and Jets

	Part No.
Flame Ionization Detector (FID) and Nitrogen-Phosphorous Detector (NPD) adapters	
FID/NPD 1/4 in. packed column	19231-80530
FID/NPD 1/8 in. packed column	19231-80520
FID and NPD Jets	
Jet, packed standard 0.018 in. ID tip	18710-20119
Thermal Conductivity Detector (TCD) adapters	
5 TCD column adapter, 1/8 - 1/4 in. glass	G1532-20710
Electron Capture Detector (ECD) adapters	
ECD column adapter, 1/4 - 1/8 in. metal	19301-80530

Packed Column Nuts and Ferrules

	Part No.
1/8 in. brass nut and ferrule set, 20/pk	5080-8750
1 3 1/8 in. vespel/graphite ferrule, 10/pk	0100-1332
2 4 1/8 in. brass nut, 10/pk	5180-4103
6 1/4 in. vespel ferrule, 10/pk	5080-8774
7 1/4 in. brass nut, 10/pk	5180-4105

For a listing of all Agilent GC supplies, including septa and gas clean filter systems, please visit www.agilent.com/chem/GCsupplies

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Agilent Bond Elut SPE products selectively remove interferences and/or analytes from complex matrices and provide the largest choice of sorbent formats in the market today. Over 40 phase functionalities in more than 30 formats are available including our industry-leading QuEChERS Kits.

To learn more about Agilent Sample Preparation solutions, please visit www.agilent.com/chem/sampleprep



Agilent CrossLab GC supplies: Bring Agilent innovation and quality to your non-Agilent GCs

The portfolio features easy-to-use packaging for improved productivity and includes:

- Premium non-stick inlet septa
- Ultra Inert inlet liners
- Liner O-rings
- Column ferrules and nuts
- Autosampler syringes
- Vials and closures

Learn more at www.agilent.com/chem/crosslab

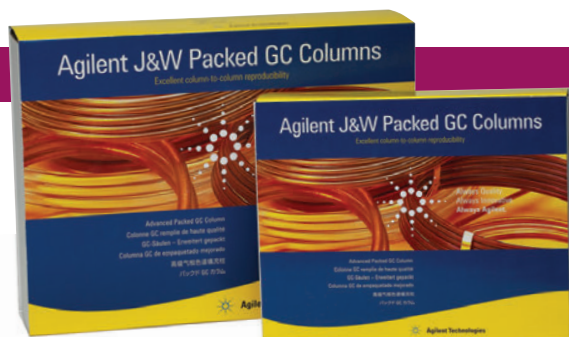
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Premium-quality **Agilent J&W packed GC columns** offer reproducible performance for all sample types associated with packed column separations – especially in the energy/fuels and chemical analysis industries.

- **Diverse tubing materials:** choose from UltiMetal, stainless steel, nickel, glass, copper and PTFE – plus hundreds of stationary phases, packings, and supports.
- **Packing technology** is rigorously controlled ensuring column-to-column reproducibility.
- **UltiMetal treated stainless steel tubing** improves inertness and peak-shape performance.
- **Custom configurations** are available to fit specific GC systems and specialized analytical requirements.
- **Step-by-step online ordering** saves time while guiding you through the column selection process for custom configurations.



For more information

To order Agilent J&W packed GC columns by part number, visit us online at www.agilent.com/chem/packedcolumns

To order Agilent J&W custom packed GC columns, go to www.agilent.com/chem/packedcolumnsordering

Call toll free:
1-800-227-9770, option 3, then option 3 again

In other countries, please call your local Agilent Representative or Agilent Authorized Distributor – see www.agilent.com/chem/wheretobuy

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