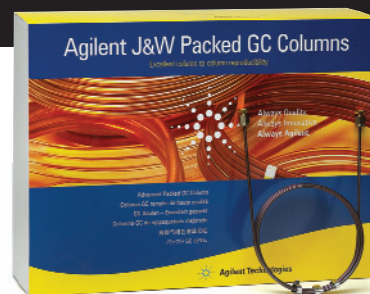




**More confidence
in every separation**

**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. 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.
- **Worry-free compatibility:** Column configurations are available for all major GC brands, past and present.

Packed GC columns are well suited for energy/fuels and chemical analysis applications, because of their high sample capacity.



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'll 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 4-15**

CP99961C Glass Packed Column	
For column identification, required only	Select specific column, CR, or MS
Specify Quantity of columns	
Notes: 1. For Manufacture's Structural Requirements, see the following table	
*Select Column Diameter	
*Select Column Length	
*Only Select Column Length (For Varian 3800 Only)	
*No. Columns per Support (Support 1) 100 or 150	
If "No. Columns per Support" is not set for column, "Predefined (see last) Support" will be used. The total pressure drop for Region 1 is 2.9887 - 1.9224	
*Notes: 1. Support 1 5	
*Specify Pressure Drop (For Support 1)	
Select Support 2	
Select Pressure Drop for Support 2	

Easy ordering guide for custom column configurations.....**Pages 16-17**



Packed GC column supplies, sample prep, CrossLab and services.....**Pages 18-19**

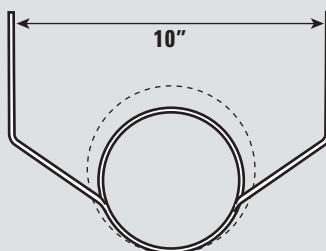


To learn more about Agilent J&W packed GC columns, and to view some helpful resources, go to:
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Agilent J&W packed GC columns for Agilent 7820A, 7890A, 6820, and 6890 Instruments

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 Agilent instruments



Coil diameter can vary depending on column length. The columns listed on pages 5-12 are bent for Agilent instruments. You can bend these columns to fit non-Agilent instruments with no impact on performance.



Carbosieve S

Length	OD (in.)	ID (mm)	Mesh	Stainless Steel	UltiMetal	Nickel
20 in. (0.51 m)	1/8	2	80/100	G3591-80105	G3591-81105	G3591-82105

15% Carbowax 1540

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

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

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

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

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

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

Length	OD (in.)	ID (mm)	Support	Mesh	Stainless Steel	UltiMetal	Nickel
4 ft (1.22 m)	1/8	2	Chromosorb W AW	80/100	G3591-80050	G3591-81050	G3591-82050

Carboxen-1000

Length	OD (in.)	ID (mm)	Mesh	Stainless Steel	UltiMetal	Nickel
1.5 ft (0.46 m)	1/8	2	80/100	G3591-80125	G3591-81125	G3591-82125
10 ft (3.05 m)	1/8	2	60/80	G3591-80055	G3591-81055	G3591-82055

Chromosorb 101

Length	OD (in.)	ID (mm)	Mesh	Stainless Steel	UltiMetal	Nickel
6 ft (1.83 m)	1/8	2	80/100	G3591-80021	G3591-81021	G3591-82021

Chromosorb 102

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

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25% DC-200

Length	OD (in.)	ID (mm)	Support	Mesh	Stainless Steel	UltiMetal	Nickel
15 ft (4.57 m)	1/8	2	Chromosorb PAW	80/100	G3591-80001	G3591-81001	G3591-82001

30% DC-200

Length	OD (in.)	ID (mm)	Support	Mesh	Stainless Steel	UltiMetal	Nickel
20 ft (6.1 m)	1/8	2	Chromosorb PAW	100/120	G3591-80140	G3591-81140	G3591-82140
30 ft (9.14 m)	1/8	2	Chromosorb PAW	80/100	G3591-80082	G3591-81082	G3591-82082

35% DC-200

Length	OD (in.)	ID (mm)	Support	Mesh	Stainless Steel	UltiMetal	Nickel
10 ft (3.05 m)	1/8	2	Chromosorb PAW	80/100	G3591-80030	G3591-81140	G3591-82030
30 ft (9.14 m)	1/8	2	Chromosorb PAW	80/100	G3591-80032	G3591-81032	G3591-82032
3 ft (0.91 m)	1/8	2	Chromosorb PAW	80/100	G3591-80039	G3591-81039	G3591-82039
5 ft (1.52 m)	1/8	2	Chromosorb PAW	80/100	G3591-80027	G3591-81027	G3591-82027

15% Hallcomid m-18

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



HayeSep D

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

HayeSep DB

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

HayeSep N

Length	OD (in.)	ID (mm)	Mesh	Stainless Steel	UltiMetal	Nickel
6 ft (1.83 m)	1/8	2	80/100	G3591-80037	G3591-81037	G3591-82037
7 ft (2.13 m)	1/8	2	60/80	G3591-80060	G3591-81060	G3591-82060
8 ft (2.44 m)	1/8	2	80/100	G3591-80011	G3591-81011	G3591-82011
20 ft (6.1 m)	1/8	2	80/100	G3591-80045	G3591-81045	G3591-82045

HayeSep N + HayeSep R 1:1

Length	OD (in.)	ID (mm)	Mesh	Stainless Steel	UltiMetal	Nickel
8 ft (2.44 m)	1/8	2	45/60	G3591-80091	G3591-81091	G3591-82091

HayeSep Q

Length	OD (in.)	ID (mm)	Mesh	Stainless Steel	UltiMetal	Nickel
1.64 ft (0.5 m)	1/8	2	80/100	G3591-80023	G3591-81023	G3591-82023
3 ft (0.91 m)	1/8	2	80/100	G3591-80020	G3591-81020	G3591-82020
3.3 ft (1 m)	1/8	2	80/100		G3591-81148	
3.9 ft (1.2 m)	1/8	2	80/100			G3591-82159
4 ft (1.22 m)	1/8	2	80/100	G3591-80019	G3591-81019	G3591-82019
6 ft (1.83 m)	1/8	2	80/100	G3591-80004	G3591-81004	G3591-82004
8 ft (2.44 m)	1/8	2	80/100	G3591-80047	G3591-81047	G3591-82047
9 ft (2.74 m)	1/8	2	80/100	G3591-80033	G3591-81033	G3591-82033
10 ft (3.05 m)	1/8	2	80/100	G3591-80002	G3591-81002	G3591-82002
12 ft (3.66 m)	1/8	2	80/100	G3591-80121	G3591-81121	G3591-82121

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

HayeSep R

Length	OD (in.)	ID (mm)	Mesh	Stainless Steel	UltiMetal	Nickel
6 ft (1.83 m)	1/8	2	80/100	G3591-80102	G3591-81102	G3591-82102
12 ft (3.66 m)	1/8	2	80/100	G3591-80100	G3591-81100	G3591-82100

HayeSep T

Length	OD (in.)	ID (mm)	Mesh	UltiMetal
1.64 ft (0.5 m)	1/8	2	80/100	G3591-81150

MolSieve 5Å

Length	OD (in.)	ID (mm)	Mesh	Stainless Steel	UltiMetal	Nickel
1 ft (0.30 m)	1/8	2	60/80	G3591-80077	G3591-81077	G3591-82077
3 ft (0.91 m)	1/8	2	60/80	G3591-80103	G3591-81103	G3591-82103
3 ft (0.91 m)	1/8	2	80/100	G3591-80074	G3591-81074	G3591-82074
3 ft (0.91 m)	1/8	2	100/120	G3591-80075	G3591-81075	G3591-82075
3.3 ft (1 m)	1/8	2	60/80		G3591-81149	
4 ft (1.22 m)	1/8	2	45/60	G3591-80090	G3591-81090	G3591-82090
6 ft (1.83 m)	1/8	2	60/80	G3591-80035	G3591-81035	G3591-82035
4 ft (1.22 m)	1/8	2	60/80	G3591-80104	G3591-81104	G3591-82104
6 ft (1.83 m)	1/8	2	60/80	G3591-80017	G3591-81017	G3591-82017
7 ft (2.13 m)	1/8	2	45/60	G3591-80062	G3591-81062	G3591-82062
8 ft (2.44 m)	1/8	2	60/80	G3591-80022	G3591-81022	G3591-82022
9 ft (2.74 m)	1/8	2	60/80	G3591-80046	G3591-81046	G3591-82046
9 ft (2.74 m)	1/8	2	80/100	G3591-80064	G3591-81064	G3591-82064
15 ft (4.57 m)	1/8	2	45/60	G3591-80061	G3591-81061	G3591-82061
20 ft (6.1 m)	1/8	2	45/60	G3591-80107		
20 ft (6.1 m)	1/8	2	60/80	G3591-80056	G3591-81056	G3591-82056
25 ft (7.62 m)	1/8	2	60/80	G3591-80065	G3591-81065	G3591-82065



MolSieve 13X

Length	OD (in.)	ID (mm)	Mesh	Stainless Steel	UltiMetal	Nickel
2 ft (0.61 m)	1/8	2	45/60	G3591-80031	G3591-81031	G3591-82031
3 ft (0.91 m)	1/8	2	45/60	G3591-80028	G3591-81028	G3591-82028
4 ft (1.22 m)	1/8	2	45/60	G3591-80012	G3591-81012	G3591-82012
4.9 ft (1.5 m)	1/8	2	80/100	G3591-80085	G3591-81085	G3591-82085
6 ft (1.83 m)	1/8	2	60/80	G3591-80035	G3591-81035	G3591-82035
9 ft (2.74 m)	1/8	2	45/60	G3591-80054	G3591-81054	G3591-82054
10 ft (3.05 m)	1/8	2	46/60	G3591-80003	G3591-81003	G3591-82003
10 ft (3.05 m)	1/16	1	60/80	G3591-80097	G3591-81097	G3591-82097
10 ft (3.05 m)	1/8	2	60/80	G3591-80101	G3591-81101	G3591-82101
10 ft (3.05 m)	1/8	2	80/100	G3591-80043	G3591-81043	G3591-82043
12 ft (3.66 m)	1/8	2	60/80	G3591-80058	G3591-81058	G3591-82058
15 ft (4.57 m)	1/8	2	45/60	G3591-80098	G3591-81098	G3591-82098

10% OV-101

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

20% OV-101

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

10% PEG-20M

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

20% PEG-20M

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

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Porapak N

Length	OD (in.)	ID (mm)	Mesh	Stainless Steel	UltiMetal	Nickel
3 ft (0.91 m)	1/8	2	80/100	G3591-80072	G3591-81072	G3591-82072
3.9 ft (1.2 m)	1/8	2	60/80	G3591-80087	G3591-81087	G3591-82087
6 ft (1.83 m)	1/8	2	80/100	G3591-80036	G3591-81036	G3591-82036
8.2 ft (2.5 m)	1/8	2	50/80	G3591-80086	G3591-81086	G3591-82086
9 ft (2.74 m)	1/8	2	80/100	G3591-80044	G3591-81044	G3591-82044
12 ft (3.66 m)	1/8	2	60/80	G3591-80059	G3591-81059	G3591-82059

Porapak N + Porapak R 1:1

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

Porapak Q

Length	OD (in.)	ID (mm)	Mesh	Stainless Steel	UltiMetal	Nickel
3 ft (0.91 m)	1/8	2	80/100	G3591-80135	G3591-81135	G3591-82135
6 ft (1.83 m)	1/8	2	60/80	G3591-80136	G3591-81136	G3591-82136
6 ft (1.83 m)	1/8	2	80/100	G3591-80005	G3591-81005	G3591-82005
6 ft (1.83 m)	1/8	2	80/100	G3591-80013	G3591-81013	G3591-82013
8 ft (2.44 m)	1/8	2	60/80	G3591-80137	G3591-81137	G3591-82137
8.2 ft (2.5 m)	1/8	2	80/100	G3591-80083	G3591-81083	G3591-82083
9 ft (2.74 m)	1/8	2	80/100	G3591-80016	G3591-81016	G3591-82016
13 ft (3.96 m)	1/8	2	80/100	G3591-80053	G3591-81053	G3591-82053
15 ft (4.57 m)	1/8	2	80/100	G3591-80066	G3591-81066	G3591-82066
25 ft (7.62 m)	1/8	2	100/120	G3591-80052	G3591-81052	G3591-82052
30 ft (9.14 m)	1/16	1	80/100	G3591-80096	G3591-81096	G3591-82096



Porapak QS

Length	OD (in.)	ID (mm)	Mesh	Stainless Steel	UltiMetal	Nickel
6.56 ft (2 m)	1/8	2	80/100	G3591-80157		
8 ft (2.44 m)	1/8	2	80/100	G3591-80051	G3591-81051	G3591-82051

Porapak R

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

Porapak T

Length	OD (in.)	ID (mm)	Mesh	Stainless Steel	UltiMetal	Nickel
1.5 ft (0.46 m)	1/8	2	80/100	G3591-80138	G3591-81138	G3591-82138
6.56 ft (2 m)	1/8	2	80/100	G3591-80120	G3591-81120	G3591-82120

20% Sebaconitrile

Length	OD (in.)	ID (mm)	Support	Mesh	Stainless Steel	UltiMetal	Nickel
2 ft (0.61 m)	1/8	2	Chromosorb PAW	80/100	G3591-80029	G3591-81029	G3591-82029
19.7 ft (6 m)	1/8	2	Chromosorb PAW	80/100	G3591-80071	G3591-81071	G3591-82071
30 ft (9.14 m)	1/8	2	Chromosorb PAW	80/100	G3591-80026	G3591-81026	G3591-82026

20% Sebaconitrile/2% H₃PO₄

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

Silica Gel

Length	OD (in.)	ID (mm)	Mesh	Stainless Steel	UltiMetal	Nickel
2 ft (0.61 m)	1/8	2	60/80	G3591-80141	G3591-81141	G3591-82141
4 ft (1.22 m)	1/8	2	60/80	G3591-80142	G3591-81142	G3591-82142
6 ft (1.83 m)	1/8	2	60/80	G3591-80108		

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0.1% SP-1000

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

25% SP-2100

Length	OD (in.)	ID (mm)	Support	Mesh	Stainless Steel	UltiMetal	Nickel
1.64 ft (0.5 m)	1/16	1	Chromosorb PAW	80/100	G3591-80007	G3591-81007	G3591-82007
5.7 ft (1.75 m)	1/16	1	Chromosorb PAW	80/100	G3591-80008	G3591-81008	G3591-82008
15 ft (4.57 m)	1/8	2	Chromosorb PAW	80/100	G3591-80068	G3591-81068	G3591-82068

20% TCEP

Length	OD (in.)	ID (mm)	Support	Mesh	Stainless Steel	UltiMetal	Nickel
1.84 ft (0.56 m)	1/16	1	Chromosorb PAW	80/100	G3591-80006	G3591-81006	G3591-82006
5 ft (1.52 m)	1/8	2	Chromosorb PAW	80/100	G3591-80094	G3591-81094	G3591-82094
15 ft (4.57 m)	1/8	2	Chromosorb PAW	80/100	G3591-80049	G3591-81049	G3591-82049

10% UC W982

Length	OD (in.)	ID (mm)	Support	Mesh	Stainless Steel	UltiMetal	Nickel
1.5 ft (0.46 m)	1/8	2	Chromosorb PAW	80/100	G3591-80034	G3591-81034	G3591-82034
2 ft (0.61 m)	1/8	2	Chromosorb PAW	80/100	G3591-80040	G3591-81040	G3591-82040

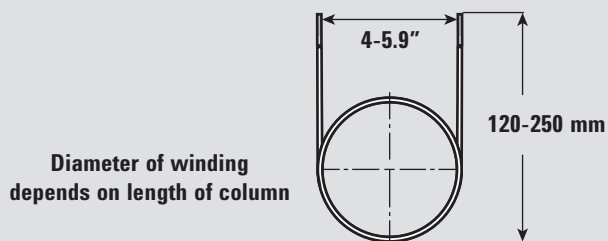
12% UC W982

Length	OD (in.)	ID (mm)	Support	Mesh	Stainless Steel	UltiMetal	Nickel
2 ft (0.61 m)	1/8	2	Chromosorb PAW	80/100	G3591-80000	G3591-81000	G3591-82000



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

Packed column bend configurations for all instruments



30% DC 200/500

Length	OD (in.)	ID (mm)	Support	Mesh	UltiMetal
2 ft (0.61 m)	1/8	2	Chromosorb PAW	60/80	CP2057
30 ft (9.14 m)	1/8	2	Chromosorb PAW	60/80	CP2058*

HayeSep D

Length	OD (in.)	ID (mm)	Mesh	UltiMetal
6.56 ft (2 m)	1/8	2	80/100	CP1482

HayeSep DB

Length	OD (in.)	ID (mm)	Mesh	UltiMetal
40 ft (12.2 m)	1/8	2	80/100	CP2047

HayeSep N

Length	OD (in.)	ID (mm)	Mesh	UltiMetal
1.64 ft (0.5 m)	1/16	1	80/100	CP1307*
1.64 ft (0.5 m)	1/8	2	80/100	CP1480
6 ft (1.83 m)	1/8	2	80/100	CP2068*

*Preconditioned and pretested

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HayeSep P

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

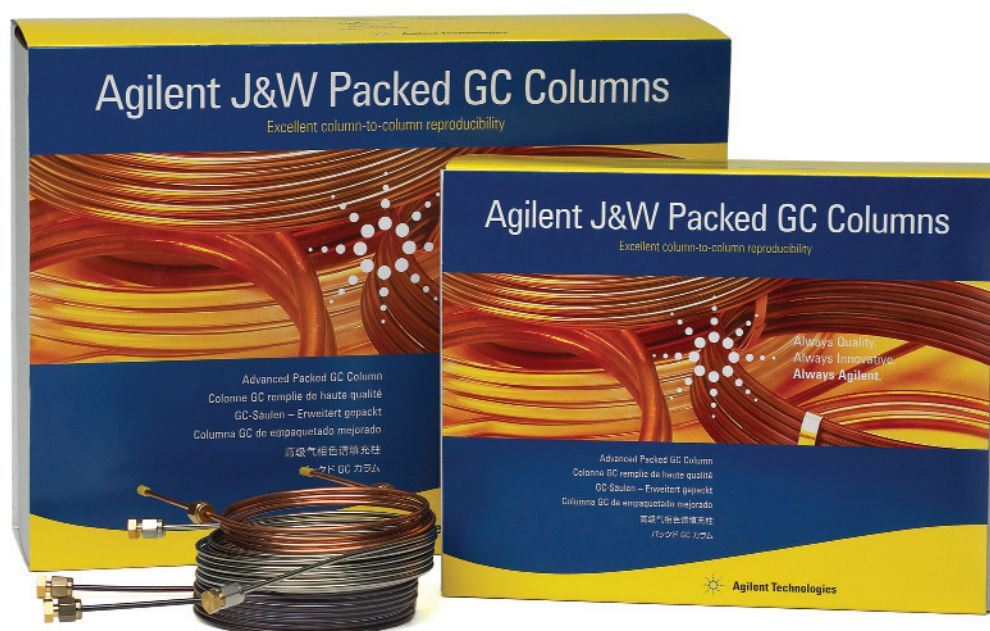
HayeSep Q

Length	OD (in.)	ID (mm)	Mesh	UltiMetal
0.82 ft (0.25 m)	1/16	1	80/100	CP1308*
1.64 ft (0.5 m)	1/8	2	80/100	CP81073*
3.28 ft (1 m)	1/8	2	80/100	CP81069*
4.92 ft (1.5 m)	1/16	1	80/100	CP1305*

HayeSep R

Length	OD (in.)	ID (mm)	Mesh	UltiMetal
3.28 ft (1 m)	1/8	2	80/100	CP86678*
8.53 ft (2.6 m)	1/8	2	80/100	CP86677*
12 ft (3.66 m)	1/8	2	80/100	CP2055*

*Preconditioned and pretested



MolSieve 5Å

Length	OD (in.)	ID (mm)	Mesh	UltiMetal
3.28 ft (1 m)	1/8	2	60/80	CP81025*
4.92 ft (1.5 m)	1/16	1	80/100	CP1306*
5 ft (1.52 m)	1/8	2	80/100	CP2046
6 ft (1.83 m)	1/8	2	45/60	CP2065
10 ft (3.05 m)	1/8	2	80/100	CP2045
13.1 ft (4 m)	1/8	2	80/100	CP1483*

MolSieve 13X

Length	OD (in.)	ID (mm)	Mesh	UltiMetal
3 ft (0.91 m)	1/8	2	45/60	CP2059*
3.94 ft (1.2 m)	1/16	1	80/100	CP1309*
4 ft (1.22 m)	1/8	2	45/60	CP2060
4.92 ft (1.5 m)	1/8	2	80/100	CP81071*

1.5% OV-101

Length	OD (in.)	ID (mm)	Support	Mesh	UltiMetal
2 ft (0.61 m)	1/8	2	Chromosorb G HP	100/120	CP2056

Porapak QS

Length	OD (in.)	ID (mm)	Mesh	UltiMetal
6.56 ft (2 m)	1/8	2	80/100	CP1481

10% SE-30

Length	OD (in.)	ID (mm)	Mesh	UltiMetal
2.5 ft (0.76 m)	1/8	2	80/100	CP2073

Silica Gel

Length	OD (in.)	ID (mm)	Mesh	UltiMetal
10 ft (3.05 m)	1/8	2	60/80	CP2050

20% TCEP

Length	OD (in.)	ID (mm)	Mesh	UltiMetal
1.84 ft (0.56 m)	1/16	0.75	80/100	CP2071
15 ft (4.57 m)	1/8	2	80/100	CP2072

*Preconditioned and pretested

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

Can't 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

The following packed column option types will be displayed:

- Stainless Steel
- Stainless Steel empty
- UltiMetal
- Nickel (available in OD 1/8 in x ID 2.0 mm only)
- Nickel empty (available in OD 1/8 in x ID 2.0 mm only)
- Glass
- Glass empty
- Copper
- PTFE
- Coated packing
- Special (custom configurations not available in above choices)

2. Click on the type of packed column you need.

A request-for-quote form will open in Microsoft Excel.

3. Follow the instructions to complete the form, and to create an email with the form as an attachment.

! **Important:** Be sure to copy and paste the correct country-specific address into the "To:" line of the email. You can find a list of addresses at www.agilent.com/chem/packedcolumnordering

4. Send the email to submit your request.

You will hear back from us within 48 hours – and with our global distribution network, you can count on timely delivery.

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

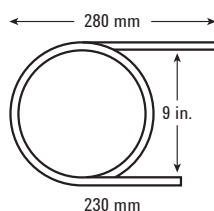
Ordering a glass packed column for your Agilent instrument?

Make sure to select the correct configuration.

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

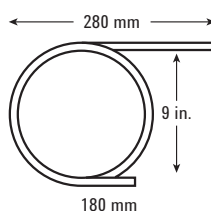
Configuration A:

For 5880A, 5890A
(all detectors except TCD),
6890, 7820, and 7890



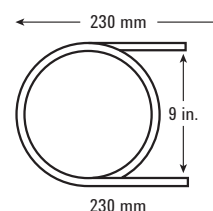
Configuration B:

For 5890A/TCD,
5880A/TCD,
6890, and 7890



Configuration C:

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



How to complete your online custom packed column request form

Contact information:

Please complete all fields for fastest response.

Column information:

Choose your quantities and dimensions here.

Glass columns only:

Provide the GC model and injector/detector configuration. (Use the drop-down menu provided).

Agilent Technologies		Custom Column Request for Quotation	
Please provide the following *Customer Contact Information.			
Date			
First Name			
Last Name			
Company			
Email			
Telephone			
Fax			
Address line 1			
Address line 2			
City			
State/Province			
Country			
Zip/Postal Code			
CP99961C Glass Packed Column			
An asterisk * denotes required entry		Select specifications from a drop down list of values -OR- Specify a value manually as indicated	
*Specify Quantity of columns			
*Select GC Manufacturer; Model and Injector/Detector Configuration			
*Select Column Diameter			
*Select Column Length			

AGILENT; Model 5700 / 5790 / 5990, CONF. 1
AGILENT; Model 5700 / 5790 / 5990, CONF. 2
AGILENT; Model 5700 / 5790 / 5990, CONF. 3
AGILENT; Model 5700 / 5790 / 5990, CONF. 5
AGILENT; Model 5700 / 5790 / 5990, CONF. 6
AGILENT; Model 5700 / 5790 / 5990, CONF. 7
AGILENT; Model 5750, Config. ECD
AGILENT; Model 5750, Config. FID

Convenient drop-down menu

for selecting GC instrument make and model.

CP99961C Glass Packed Column		Select specifications
An asterisk * denotes required entry		values -OR- Specify
*Specify Quantity of columns		
*Select GC Manufacturer; Model and Injector/Detector Configuration		
*Select Column Diameter		
*Select Column Length		
-OR- Select Column Length [for Varian 3900 Only]		
*Stationary Liquid Phase? Select *YES or *NO		
IF Stationary Phase = *NO, at least Support 1 must be selected. Zero load [no load] Supports are identified in the The total Percentage selected for Supports 1 + 2 MUST = 100 Percent.		
*Select Support 1		
*Specify Percentage for Support 1		
Select Support 2		
Specify Percentage for Support 2		
IF Stationary Phase = *YES, Support 1 and at least Liquid Phase 1 must be selected and Support 1 Percentage is assumed to be The total Percentage of Liquid Phase must be less than or equal to the maximum load of Support 1. Zero load Supports can If the total Percentage specified for Phase 1 + 2 is greater than the load allowed for the Supports selected, you will be contact		
Select Liquid Phase 1		
Specify Percentage for Phase 1		
Select Liquid Phase 2		
Specify Percentage for Phase 2		
Column Options		Opt. # Select YES from Column Option
Carlo Erba Fittings	014	
Two Graphite Ferrules (replaces std brass nuts and ferrules)	015	
Preconditioning and Pretesting (pretested with test factory sample)	017	
Preconditioning (25 degrees C below the max temp for 16hrs, 325 C max)	018	
Two Stainless Steel Nuts and Ferrules (replaces std brass ferrules)	021	
Two Vespel Ferrules (replaces std brass ferrules)	022	

Convenient drop-down menus

for selecting phases and supports.

Column options:

Select fittings and ferrules, along with column fittings, preconditioning and testing.

Comments:

Use this space for specific requests or questions.

Need help completing the form?

Email us at mbgconfig-column@agilent.com

Instructions for submitting your form:

Remember to visit www.agilent.com/chem/packedcolumnordering to ensure you submit your request to the correct country-specific email address.

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!

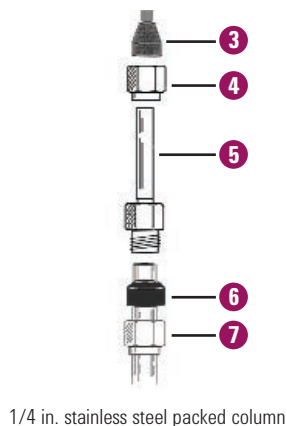
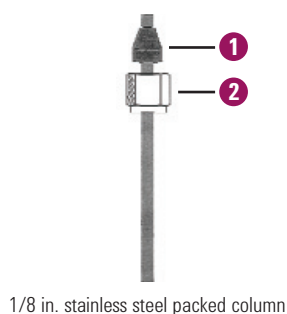
To request a custom column configuration, go to: www.agilent.com/chem/packedcolumnordering

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 µL internal volume, 25/pk	5080-8732
Disposable glass insert, 170 µL 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

Ensure a lifetime of productivity and peak instrument performance

Sample preparation:

Reliable, accurate results with fewer repeated samples

Only Agilent offers a complete line of sample preparation products for any type of GC and GC/MS analysis across the full spectrum of instrumentation.

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

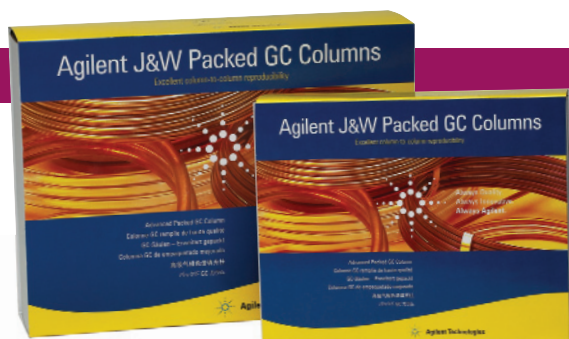
We're always at your service...

With service center operations in 65 countries, a global dispatch system, and call centers ready to assist with Agilent and non-Agilent instruments, Agilent provides the personalized support you need for greater efficiency, productivity, and confidence. And, be sure to protect your instruments' performance by supplementing your regular preventive maintenance efforts with an annual **Agilent Preventive Maintenance Service** – proven to increase instrument uptime, reduce repairs, and cut repair costs compared with other PM sources. Learn more at www.agilent.com/chem/services

Count on robust, reliable, and reproducible performance for your critical separations

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 stainless steel, UltiMetal, 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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