



Custom Coated Packing Materials

Custom coated packing materials can be made with any of the supports listed below. The liquid stationary phases available are listed on page 146 and the coating ranges are listed in the chart. Coated packings are available in minimum orders of 20 grams.

To order, please call your Restek representative for pricing and specify the following:

- 1) Stationary phase and stationary phase concentration.
- 2) Support and support mesh size.
- 3) Amount of packing needed.

Ordering Example: (1%) (XE-60) (CarboBlack B (80/120) (20 g)

Support	Max. Coating %	Mesh Sizes
CarboBlack B	1-10%*	60/80, 80/120
CarboBlack B HT	1-10%	40/60
CarboBlack C	0.1-1%*	60/80, 80/100
HayeSep	15%	60/80, 80/100, 100/120
Porapak	15%	50/80, 80/100, 100/120

ordering note

Mesh Size

When ordering a packed column solid support, please specify mesh size. Refer to this chart to convert microns to mesh size.

Example:

150-180 micron particles = 80/100 mesh

(μ m)	Mesh Size
850	20
710	25
600	30
500	35
425	40
355	45
300	50
250	60
212	70
180	80
150	100
125	120
106	140
90	170
75	200
63	230
53	270

ordering note

Special phases that require a surcharge:

OV[®]-275, OV[®]-330, OV[®]-225, BMBT, 2,4-dimethylsulfolane, OV[®]-1701, and XE-60. Call your Restek representative for pricing.

Customized Solutions

Restek builds to your exact specifications.

Request columns at

www.restek.com/packed



Custom Packed Columns

To order, specify the following:

- 1) Column dimensions (length, ID) and tubing material.
- 2) Packing description (percent coating and phase, support mesh size, and treatment).
- 3) Column configuration (instrument manufacturer, model number, on-column injection or not) and with or without nuts and ferrules.

Ordering Example: (6' x 1/8") (stainless steel) (1%) (XE-60) (CarboBlack B 80/120) (Agilent 6890) (on-column injection) (fittings kit)

Please use the custom order form on page 150 or visit www.restek.com/packed



did you know?

Packing material in packed and micropacked columns is secured using wire braids or frits. This prevents packing material from exiting the column.

Custom Micropacked Columns

To order, contact your Restek representative and specify the following:

- 1) Physical dimensions (length, OD, ID, and tubing material).
- 2) Packing description (percent coating and phase, support mesh size).
- 3) Installation kit (see page 142), frit type.

Ordering Example: (2 m x 1/16" OD x 1.00 mm ID) (Siltek®-treated tubing) (5%) (Carbowax® 20M) (CarboBlack B) (80/120) (installation kit for valve applications, cat. #21065) (Siltek® frits)

Please use the custom order form on page 150 or visit www.restek.com/packed

ordering note

For international pricing on custom packed or micropacked columns, please contact your Restek representative.

Technical Service

Do you have a technical question? Restek's Technical Service group has answers! Drawing from our extensive libraries of technical information and many years of collective chromatography experience, the experts in Technical Service can help you with everything from setup to method development.

Contact us:

For quick answers to commonly asked questions any time of the day, visit www.restek.com/answers or contact us directly:

In the U.S.: Phone: 1-800-356-1688, ext. 4 • e-mail: support@restek.com

Hours of operation (Eastern Time):

Monday - Thursday, 8:00 a.m. to 6:00 p.m.

Friday, 8:00 a.m. to 5:00 p.m.

Outside the U.S.: Contact International Technical Service at intltechsupp@restek.com or find a local distributor at www.restek.com/distributor

Packed/Micropacked Column Custom Order Form

Order: _____ Quote: _____ Reference # from previous order (if available): _____

Date: _____

Restek Account #: _____

Contact: _____

Company: _____

Address: _____

Phone: _____

Fax: _____

Email: _____

Restek Use Only:

Custom No.: _____

Stock No.: _____

Price: _____

Fitting Costs: _____

Authorization: _____

Number of Columns: _____

1) Column Dimensions:

Length _____ OD x ID: _____

2) Tubing (choose one): SilcoSmooth® Stainless Steel Hastelloy® Nickel Copper PTFE

3) Packing Description:

Liquid Phase A (% + description): _____

Liquid Phase B (% + description): _____

Liquid Phase C (% + description): _____

Solid Support: _____ Mesh: _____

4) Column Configuration:

Instrument (mfr. + model): _____

Inlet: Packed Full? Yes No, leave _____" void (for on-column injection)

Outlet: Packed Full? Yes No, leave _____" void

Do you want this column preconditioned? Yes (additional charge) No

Standard configuration suffix number (next page): _____

Frits Hastelloy® Siltek®

Special configuration (next page): _____ Figure: _____ Dimensions: _____

Welded Tubing Reducers (additional charge)

Special Instructions: _____

Fittings (check appropriate circle)

KIT 1S

1/4" brass nuts
1/4" to 1/8" V/G reducing ferrules
No additional charge

KIT 2S

1/4" brass nuts
1/4" to 3/16" V/G reducing ferrules
No additional charge

KIT A

1/8" brass nuts
1/8" V/G ferrules
No additional charge

KIT B

1/8" brass nuts
1/8" brass front & back ferrules
No additional charge
V/G = Vespel®/graphite

KIT C

1/8" stainless steel nuts
1/4" stainless steel front & back ferrules
Additional charge

KIT D

1/8" stainless steel nuts
1/8" V/G ferrules
Additional charge

KIT E

1/4" stainless steel nuts
1/4" to 1/8" V/G reducing ferrules
Additional charge

KIT F

1/4" stainless steel nuts
1/4" to 3/16" V/G reducing ferrules
Additional charge

KIT V

1/8" VCR fitting
check appropriate circle:
 Stainless Steel (additional charge)
 Nickel (additional charge)

for a quote:

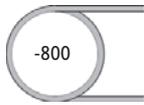
Complete this form and fax to Restek at 814-353-1309, or to your Restek representative.

This form is also available online at:

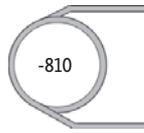
www.restek.com/packed

Standard Configurations (choose one)

General Configuration



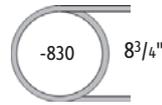
Agilent 5880, 5890, 5987, 6890, 7890



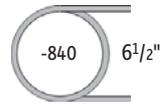
Bruker 430, 450 (Varian 3700, Vista Series, FID)



PE 900-3920, Sigma 1,2,3



PE Auto System 8300, 8400, 8700



- 810 Agilent 5880, 5890, 5987, 6890, 7890
- 811 Agilent 6850
- 820 Scion (Bruker 430, 450) (Varian 3700, Vista Series, FID)
- 821 Scion (Bruker 430, 450) (Varian 3800)
- 830 PerkinElmer 900-3920, Sigma 1.2.3
- 840 PerkinElmer Auto System 8300, 8400, 8700, Clarus 500 (C500)
- 841 PerkinElmer Auto Sys XL
- 845 ABB 3100, AAI (4" coil)
- 850 Shimadzu 14A, 2014

- 851 Shimadzu 8A
- 852 Shimadzu 9A
- 853 Shimadzu 17A, 2010
- 854 Shimadzu Mini 2
- 860 Thermo Scientific - TRACE 2000
- 865 Carlo Erba
- 870 Tremetrics/Tracor
- 874 HNU 310 & 311 (4.5" coil)
- 875 Analytical Controls Configuration
- 880 Carle 40030
- 881 Hitachi 263

- 885 Pye Unicam 4500
- 890 Gow Mac 590
- 891 Gow Mac 550
- 892 Gow Mac 750
- 893 Gow Mac 816 (3" coil, 3" spread on the arms, and a total height of 5")
- 894 Gow Mac 580
- 895 SRI 8610C
- 895R SRI 8610C Dual GC Right Side
- 895L SRI 8610C Dual GC Left Side
- 896 SRI 9300

Custom Configurations (Please provide dimensions on order form, page 150, or at www.restek.com/packed)

