

Custom Coated Packing Materials

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Custom coated packing materials can be made with any of the supports listed below. The liquid stationary phases available are listed on page 124 and the coating ranges are listed in the chart. Coated packings are available in minimum orders of 20 grams.



Don Rhodes

Product Development
Technical Specialist
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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: (3%) (Rtx®-1) (Silcoport™ P) (80/100) (20g).

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
Chromosorb® 101-108	5%*/10%**	60/80, 80/100, 100/120
Chromosorb® W HP	20%	45/60, 60/80, 80/100, 100/120
Chromosorb® G HP	20%	45/60, 60/80, 80/100, 100/120
Chromosorb® G, P or W (AW or NAW)	10% (G) 25% (W) 30% (P)	45/60, 60/80, 80/100, 100/120
Chromosorb® G, P or W (AW or DMDCS)	10% (G) 25% (W) 30% (P)	45/60, 60/80, 80/100, 100/120
Chromosorb® T	15%	40/60
HayeSep®	15%	60/80, 80/100, 100/120
Porapak	15%	50/80, 80/100, 100/120
Silcoport™ P	30%	80/100, 100/120
Silcoport™ W BW	20%	80/100, 100/120
Silcoport™ W (replacement for Chromosorb® 750)	20%	80/100, 100/120

*Nonsilicone phase.

**Silicone phase.

For coatings over 15% or quantities over 50 grams, please call your Restek representative.

NAW—nonacid washed

AW—acid washed

DMDCS—dimethyldichlorosilane

BW—base washed

DA—deactivated for acidic compounds

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

please note

Special phases that require a surcharge:

OV®-275, OV®-330, OV®-225,
BMBT, 2,4-dimethylsulfolane,
Silar®, EDO-1, OV®-1701,
XE-60, and Dexsil®