

## Micropacked Columns



All micropacked columns are made with inert SilcoSmooth® tubing, which is Siltek® treated for maximum inertness. See **page 125**.

## Micropacked Columns

- Increased efficiency over traditional packed columns.
- Higher capacity than PLOT columns.
- Made from inert, flexible Siltek®-treated stainless steel tubing.
- Siltek®-treated, braided-wire end plug keeps packing intact, even under intense pressure surges during valve switching.
- Wide range of packings available.

## Efficient, inert, and flexible

Micropacked columns are highly efficient and provide good sample capacity. With inert Siltek® treatment, micropacked columns are a powerful tool for solving many difficult application problems. The unsurpassed inertness of SilcoSmooth® tubing is based on Siltek® deactivation, which allows the column to be flexed and coiled without any fear of chipping or cracking the inert surface.

## Easy to install—multiple internal diameters

Our micropacked columns are designed to fit packed and capillary injection systems. Standard wall (1/16-inch OD) micropacked columns offer improved efficiency in packed column instruments, without the expense of converting to capillary injection systems. Smaller OD (0.74 mm and 0.95 mm OD) micropacked columns install easily into a capillary injector, using slightly larger ferrules. Micropacked columns operate at flows exceeding 10 cc/min., for trouble-free operation.

## Braided wire end plugs

Glass wool end plugs can be dislodged easily by carrier gas pressure surges. Restek's chemists insert braided wire into the column and secure it by making a small crimp near the column outlet. End plugs are Siltek® treated—the sample contacts only inert surfaces.

## Frits—A new alternative to glass wool and braided end plugs!

Hastelloy® and Siltek® treated frits are now available for select packed and micropacked columns!



Hastelloy® frit



Siltek® frit

Fill out the form on page 142, visit [www.restek.com/packed](http://www.restek.com/packed), contact Customer Service or your Restek representative for pricing and availability.



## 0.53 mm ID Micropacked Columns

- Available in a variety of packing materials.
- High capacity and retention for volatile compounds.
- Can be coiled to fit any GC.

	Mesh	ID	OD	Temp. Range	2-Meter
HayeSep Q	80/100	0.53mm	0.74mm	up to 275°C	19042
Molesieve 5A	80/100	0.53mm	0.74mm	up to 300°C	19041
Rt-XLSulfur	80/100	0.53mm	0.74mm	up to 300°C	19044
ShinCarbon ST	80/100	0.53mm	0.74mm	up to 330°C	19043

## 0.75 mm ID Micropacked Columns

		ID	OD	Temp. Range	0.56-Meter	
20% TCEP on 80/100 Chromosorb PAV		0.75mm	1/16"	0–175°C	19040	\$110
	Mesh	ID	OD	Temp. Range	1-Meter	2-Meter
HayeSep R	100/120	0.75mm	0.95mm	up to 250°C	19014	19015
HayeSep Q	100/120	0.75mm	0.95mm	up to 275°C	19018	19019
HayeSep N	100/120	0.75mm	0.95mm	up to 165°C	19022	19023
HayeSep S	100/120	0.75mm	0.95mm	up to 250°C	19010	19011
Molesieve 5A	80/100	0.75mm	0.95mm	up to 300°C	19002	19003
Molesieve 13X	80/100	0.75mm	0.95mm	up to 350°C	19006	19007

## 1.00 mm ID Micropacked Columns

	Mesh	ID	OD	Temp. Range	1-Meter	2-Meter
HayeSep R	100/120	1.00mm	1/16"	up to 250°C	19012	19013
HayeSep Q	100/120	1.00mm	1/16"	up to 275°C	19016	19017
HayeSep N	100/120	1.00mm	1/16"	up to 165°C	19020	19021
HayeSep S	100/120	1.00mm	1/16"	up to 250°C	19008	19009
Molesieve 5A	80/100	1.00mm	1/16"	up to 300°C	19000	19001
Molesieve 13X	80/100	1.00mm	1/16"	up to 350°C	19004	19005 \$140

also **available**

For adapter kits for installing micropacked columns, see **page 133**.

**Custom**  
Packed/Micropacked  
Column Request Form  
See page 142 or visit  
[www.restek.com/packed](http://www.restek.com/packed)