

Micropacked Columns

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.
- 100/120 mesh particles (molecular sieves are 80/100 mesh).

also available

For adapter kits for installing micropacked columns, see page 119.

Efficient, inert, and flexible

Micropacked columns are highly efficient and provide good sample capacity. With our inert Siltek® treatment, micropacked columns are a powerful tool for solving many difficult application problems. Because the Siltek® treatment permeates the stainless steel surface, the column can 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. 1mm ID, standard wall (1/16-inch OD) micropacked columns offer improved efficiency in packed column instruments, without the expense of converting to capillary injection systems. 0.75mm ID, thin wall (0.95mm OD) micropacked columns install easily into a capillary injector, using slightly larger ferrules. Micropacked columns operate at flows exceeding 10cc/min., for trouble-free operation.

did you know?

All micropacked columns are made with inert SilcoSmooth™ tubing, see page 111.

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.

Micropacked Columns

		ID	OD	Temp. Range	0.56-Meter	
20% TCEP on 80/100 Chromosorb® PAW						
		0.75mm	1/16"	0–120°C	19040	
	Mesh	ID	OD	Temp. Range	1-Meter	2-Meter
HayeSep® R	100/120	0.75mm	0.95mm	up to 250°C	19014	19015
HayeSep® R	100/120	1.00mm	1/16"	up to 250°C	19012	19013
HayeSep® Q	100/120	0.75mm	0.95mm	up to 275°C	19018	19019
HayeSep® Q	100/120	1.00mm	1/16"	up to 275°C	19016	19017
HayeSep® N	100/120	0.75mm	0.95mm	up to 165°C	19022	19023
HayeSep® N	100/120	1.00mm	1/16"	up to 165°C	19020	19021
HayeSep® S	100/120	0.75mm	0.95mm	up to 250°C	19010	19011
HayeSep® S	100/120	1.00mm	1/16"	up to 250°C	19008	19009
Molesieve 5A	80/100	0.75mm	0.95mm	up to 300°C	19002	19003
Molesieve 5A	80/100	1.00mm	1/16"	up to 300°C	19000	19001
Molesieve 13X	80/100	0.75mm	0.95mm	up to 350°C	19006	19007
Molesieve 13X	80/100	1.00mm	1/16"	up to 350°C	19004	19005

also available

0.53mm ID micropacked columns. Please contact Technical Service for more information.

Searching for a product?

Don't see the column you need?

Contact our Technical Service team at 800-356-1688 or 814-353-1300, ext. 4, or contact your Restek representative, to obtain the column needed for your application.