

## Packed Column Inlet Adaptor Kits

- Use 1/8" and 3/16" OD columns in 1/4" on-column injection ports.
- Centers column perfectly in injection port to eliminate bent syringe needles.
- Slotted design prevents carrier gas occlusion.
- Vespel®/graphite reducing ferrules make installation easy.
- Includes all nuts & ferrules used to attach tubing to the injector or detector.

Description	For 1/8" Columns		For 3/16" Columns	
	qty.	cat.#	qty.	cat.#
Packed Column Inlet Adaptor Kit for 1/4" Injection Ports	kit	21651	kit	21650
Packed Column Inlet Adaptor Kit for Shimadzu 5mm Injection Ports	kit	21119	kit	21120
Packed Column Inlet Adaptor Kit for Carlo-Erba GCs	kit	21129	kit	21130



Adaptor kit centers the packed column in the injection port, so the syringe will not scrape the sides of the column.

## Installation Kits

Description	qty.	cat.#	price
<b>Micropacked Column Installation Kit for 0.75mm ID columns; for valve applications.</b> Kit contains: 1/16" Valco nut (1), 1/16" Vespel®/graphite ferrule (1), 1/16" graphite ferrule (1), 1/16" Sulfinert® union (1), 1/16" to 1/8" stainless steel union (1), Sulfinert® tubing, 1/16" OD x 0.04" ID (1ft/0.3m), stainless steel ferrule (1), graphite ferrules (2), Vespel®/graphite ferrules (2).	kit	21062	
<b>Micropacked Column Installation Kit for 0.75mm ID columns; for split applications.</b> Kit contains: graphite ferrules (2), Vespel®/graphite ferrules (2).	kit	21063	
<b>Micropacked Column Installation Kit for 0.75mm ID columns; for all Agilent GCs.</b> Kit contains: graphite ferrule (1), graphite ferrule (1), Vespel®/graphite ferrule (1), Vespel®/graphite ferrule (1).	kit	21064	
<b>Micropacked Column Installation Kit for 1mm ID columns; for valve applications.</b> Kit contains: 1/16" Valco nut (1), 1/16" stainless steel nut (1), 1/16" Vespel®/graphite ferrule (1), 1/16" graphite ferrule (1), stainless steel ferrule (1), 1/16" stainless steel front ferrule (1), 1/16" stainless steel back ferrule (1).	kit	21065	
<b>Micropacked Column Installation Kit for 1mm ID columns; for direct injections.</b> Kit contains: 1/16" stainless steel nuts (2), 1/16" Vespel®/graphite ferrules (2), 1/16" graphite ferrules (2), 1/16" stainless steel front ferrules (2), 1/16" stainless steel back ferrules (2).	kit	21066	
<b>Packed Column Installation Kit for 2mm ID columns; for valve applications.</b> Kit contains: 1/8" stainless steel nut (1), stainless steel Valco nut (1), 1/8" Vespel®/graphite ferrule (1), stainless steel Valco ferrule (1), 1/8" stainless steel front ferrule (1), 1/8" stainless steel back ferrule (1).	kit	21067	

## Micropacked Inlet Conversion Kits

Convert a capillary GC split/splitless inlet for use with 1/16" OD micropacked columns.

- For use with Agilent 5890 and 6890 GCs.
- Sample pathways deactivated for ultimate inertness.

Description	qty.	cat.#
<b>Micropacked Column Adaptor Kit for Split/Splitless Injection*</b> <i>Complete kit with FID and injection port adaptors</i> Kit includes: Dual Vespel® Ring Inlet Seal, large bore; reducing nut, large bore; FID adaptor, large bore; 1/4" ferrule, Vespel®/graphite; 1/4" nut, stainless steel; 1/16" ferrules, Vespel®/graphite (2); 4mm splitless liner, intermediate polarity deactivated; 1/16" nuts, stainless steel (2)	kit	22424
<b>Micropacked Column Adaptor Kit for On-Column Injection*</b> <i>Complete kit with FID and injection port adaptors</i> Kit includes: Dual Vespel® Ring Inlet Seal, large bore; reducing nut, large bore; FID adaptor, large bore; 1/4" ferrule, Vespel®/graphite; 1/4" nut, stainless steel; 1/16" ferrules, Vespel®/graphite (2); Siltek® treated metal liner installation guide; 1/16" nuts, stainless steel (2)	kit	22425
<b>Micropacked Column Adaptor Kit for Split/Splitless Injection</b> <i>Injection Port Adaptor Kit</i> Kit includes: Dual Vespel® Ring Inlet Seal, large bore; reducing nut, large bore; 1/16" ferrule, Vespel®/graphite; 1/16" nut, stainless steel; 4mm splitless liner, intermediate polarity deactivated	kit	22426
<b>Micropacked Column Adaptor Kit for On-Column Injection</b> <i>Injection Port Adaptor Kit</i> Kit includes: Dual Vespel® Ring Inlet Seal, large bore; reducing nut, large bore; 1/16" ferrule, Vespel®/graphite; Siltek® treated metal liner installation guide; 1/16" nut, stainless steel	kit	22427
<b>Micropacked Column Adaptor Kit for FID*</b> <i>FID Adaptor Kit</i> Kit includes: FID adaptor, large bore; 1/4" ferrule, Vespel®/graphite; 1/4" nut, stainless steel; 1/16" nut, stainless steel; 1/16" ferrule, Vespel®/graphite	kit	22428
<b>Replacement Inlet Seals for Micropacked Column Adaptor</b> Dual Vespel® Ring Inlet Seals, large bore (2)	2-pk.	22429
<b>Replacement Metal Liner Installation Guide for On-Column Injection</b> Siltek® treated metal liner installation guide	ea.	22430
<b>Replacement 4mm Splitless Liner</b>	ea.	20772

\*For use with packed column FIDs only.



Large-Bore Dual Vespel® Ring Inlet Seals



A) Large-Bore FID Adaptor,  
B) 1/16" SS Nut,  
C) 1/4" SS Nut,  
D) 1/4" Vespel®/Graphite Ferrule



Large-Bore Reducing Nut



1/16" Vespel®/Graphite Ferrules