

## GC Accessories

Inlet Liners, Glass Wool, and Specialized Hand Tools: *Inlet Liners for Varian® (CP-1177 Injector)***Inlet Liner, Splitless Type, Straight Design (unpacked)**

L x O.D. x I.D. .... 78.5 mm x 6.5 mm x 2.0 mm



Cat. No.	Qty
2051301	1 ea
2051305	5 ea
2051325	25 ea

**Inlet Liner, Direct Type, Straight Design (unpacked)**

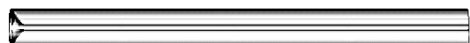
L x O.D. x I.D. .... 78.5 mm x 6.3 mm x 1.5 mm



Cat. No.	Qty
2051701	1 ea
2051705	5 ea
2051725	25 ea

**Inlet Liner, Direct (SPME) Type, Straight Design (unpacked)**

L x O.D. x I.D. .... 78.5 mm x 6.5 mm x 0.75 mm



Cat. No.	Qty
2637501	1 ea
2637505	5 ea
2637525	25 ea

**PureCol Sleeves for Packed GC Columns**

When nonvolatiles accumulate in the column inlet, you must replace several inches of packing - or the entire column. A silanized glass PureCol sleeve, inserted in the column inlet, solves this problem simply and inexpensively. When column performance begins to deteriorate, you can quickly and conveniently replace the sleeve - often without removing the column from the instrument. Replacement time is comparable to replacing a septum. Replace the PureCol sleeve when you change the septum, or when you analyze a new type of sample. PureCol sleeves are available in two sizes. The larger size fits any 4 mm I.D. glass column that has 7 cm of straight, unpacked inlet. The smaller size fits any 2 mm I.D. glass columns with 7 cm of straight, unpacked inlet (end must be chamfered). Use PureCol sleeves with a 2 in. (5 cm) 21-gauge or finer needle.

**PureCol Sleeve**

Description	Cat. No.	Qty
PureCol Sleeve, for 4 mm I.D. columns	20540-U	10 ea
	20543	50 ea
PureCol Sleeve, for 2 mm I.D. columns (chamfered inlet only)	20534	10 ea
	20536	50 ea

**On-Column Injection**

Splitter discrimination among sample components that have different boiling points causes inaccurate quantification among components. Using on-column injection with a 0.53 mm I.D. thin film capillary column yields negligible discrimination for paraffins up to C44. A syringe with a 6 in. (15.24 cm) needle is required to deposit samples properly within the sleeve.



Left to Right: Ferrule for 1/4 in. sleeve, Nut for 1/4 in. sleeve, Reducing union, Sleeve

	Cat. No.	Qty
<b>Cool On-Column Injection Sleeve Kit</b>		
1 injection sleeve plus 1/4 in. connecting hardware	23630	1 ea
<b>Cool On-Column Injection Sleeve</b>		
1 injection sleeve	20476	1 ea
<b>Swagelok® Nut</b>		
Swagelok®, 402-1, brass, 1/4 in. Swagelok	22000-U	20 ea
<b>Supelco® M-2A Packed Column Ferrule, 1/4 in. Column O.D.</b>		
I.D. 1/4 in., configured for 1/4 in. O.D. Column	22481	10 ea
<b>Reducing Union (1/4 in. to 1/16 in.)</b>		
1 stainless steel reducing union 1/4 in. to 1/16 in.	23633	1 ea
<b>Capillary Column Butt Connector Nut</b>		
1/16 in. male hexagonal wrenchtight	23805	4 ea
1/16 in. male knurled fingertight	23812	2 ea