



# HICHROM

Chromatography Columns and Supplies

## LC CONSUMABLES AND ACCESSORIES Frits

Catalogue 9

### Hichrom Limited

1 The Markham Centre, Station Road  
Theale, Reading, Berks, RG7 4PE, UK

Tel: +44 (0)118 930 3660 Fax: +44 (0)118 932 3484

Email: [sales@hichrom.co.uk](mailto:sales@hichrom.co.uk) [www.hichrom.co.uk](http://www.hichrom.co.uk)

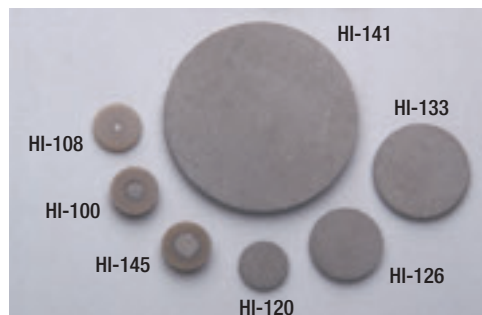
## FRITS

### Stainless Steel

All column frits have a carefully controlled porosity and are fabricated from 316 grade stainless steel. A 0.5µm porosity frit is recommended for 3-4µm packing materials. The use of 2µm porosity frits is recommended for retention of 5-20µm packing material. PEEK encapsulated stainless steel frits may be used to prevent sample and eluent from entering dead volume space between the end fitting and the top of the column. This results in improved peak symmetry with 1.0 – 3.2mm i.d. columns.

### Bioanalytical Applications

Titanium or PAT (PEEK alloyed with Teflon) frits are preferred for the analysis of sensitive biomolecules, which may adsorb or decompose on stainless steel frits. Please enquire for further details.



### Ordering Information

Frit Material	Column i.d. (mm)	Column Diameter (inches)	Frit Thickness (inches)	Porosity (µm)	Catalogue No.	Price (10/pk)
Stainless steel (PEEK encapsulated)	1.0	1/4	0.030	0.5	HI-127	
				2.0	HI-108	
Stainless steel (PEEK encapsulated)	2.1	1/4	0.062	0.5	HI-103	
				2.0	HI-100	
Stainless steel (PEEK encapsulated)	3.2	1/4	0.062	0.5	HI-104	
				2.0	HI-145	
Stainless steel	4.0 – 4.6	1/4	0.031	0.5	HI-105	
				2.0	HI-120	
Stainless steel	7.75	3/8	0.040	2.0	HI-126	
Stainless steel	10.0	1/2	0.040	2.0	HI-133	
Stainless steel	20.0 – 21.2	1	0.062	2.0	HI-141	

For details of frits not shown above, please contact Hichrom.

## SPANNERS

The following spanners can be supplied:

### Ordering Information

Description	Catalogue No.	Price
Spanner 1/2" x 9/16" AF	HI-226	
Spanner 1/4" x 5/16" AF	HI-225	
Combination spanner 3/8"	HI-940	
ValvTool	HI-199	



### ValvTool

The ValvTool (HI-199) is a uniquely designed slotted wrench which provides easy access to many hard-to-reach areas. This enables fittings, sample loops and most other 1/4" stainless steel and PEEK HPLC fittings to be more easily tightened or loosened.

