

## HAIPEEK CARTRIDGES

### PEEK/TITANIUM CARTRIDGE COLUMNS



#### Guide to HAIPEEK Analytical Cartridge Part Numbers

xK-0421-xxxx 40 x 2.1mm PEEK/titanium cartridge  
 xK-0521-xxxx 50 x 2.1mm PEEK/titanium cartridge

See Page 23 for complete Part Number information

#### PEEK and Titanium Cartridges

The HAIPEEK family of narrowbore HPLC cartridge columns is a unique high performance product for LC-MS and other high-speed, small volume applications. The 40 and 50mm sizes of 2.1mm I.D HAIPEEK HPLC Cartridges are individually tested. A Certificate of Analysis, which includes the original chromatogram and comprehensive testing and sorbent documentation, accompanies each column. The 20mm x 2.1mm cartridges excel as narrowbore guard columns, yet even though they are not individually tested, the majority are routinely used as very economical and efficient columns for high speed HPLC screening and LC-MS applications. See pages 66 - 67 for information about the cartridge holders required for Higgins Analytical's HAIPEEK Cartridge Columns. HAIPEEK cartridges are also compatible with PE/Brownlee MPLC cartridge holders.

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### CLIQUEUS 2.1mm I.D. PEEK/Titanium Cartridges

#### CLIQUEUS C8 5µm

20X2.1mm	5/pkg	40X2.1mm	2/pkg	50X2.1mm	2/pkg
CK-0221-C085	\$180	CK-0421-C085	\$270	CK-0521-C085	\$275

#### CLIQUEUS C18 5µm

20X2.1mm	5/pkg	40X2.1mm	2/pkg	50X2.1mm	2/pkg
CK-0221-C185	\$180	CK-0421-C185	\$270	CK-0521-C185	\$275

#### CLIQUEUS Cyano 5µm

20X2.1mm	5/pkg	40X2.1mm	2/pkg	50X2.1mm	2/pkg
CK-0221-CNP5	\$190	CK-0421-CNP5	\$285	CK-0521-CNP5	\$290

#### CLIQUEUS Phenyl 5µm

20X2.1mm	5/pkg	40X2.1mm	2/pkg	50X2.1mm	2/pkg
CK-0221-PHN5	\$190	CK-0421-PHN5	\$285	CK-0521-PHN5	\$290

#### CLIQUEUS Silica 5µm

20X2.1mm	5/pkg	40X2.1mm	2/pkg	50X2.1mm	2/pkg
CK-0221-SIL5	\$180	CK-0421-SIL5	\$270	CK-0521-SIL5	\$275

### HASIL 100 2.1mm I.D. PEEK/Titanium Cartridges

#### HASIL 100 C8 5µm

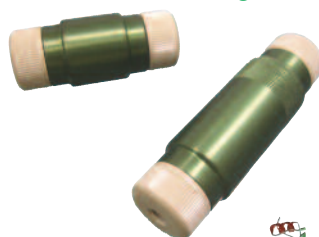
20X2.1mm	5/pkg	40X2.1mm	2/pkg	50X2.1mm	2/pkg
HK-0221-M085	\$180	HK-0421-M085	\$270	HK-0521-M085	\$275

#### HASIL 100 C18 5µm

20X2.1mm	5/pkg	40X2.1mm	2/pkg	50X2.1mm	2/pkg
HK-0221-M185	\$180	HK-0421-M185	\$270	HK-0521-M185	\$275



See pages 66 - 67 for information about the Cartridge Holders required for these Cartridges



**HASIL 300 2.1mm I.D. PEEK/Titanium Cartridges**



**HASIL 300 C18 5µm**

20X2.1mm	5/pkg	40X2.1mm	2/pkg	50X2.1mm	2/pkg
HK-0221-W185	\$190	HK-0421-W185	\$310	HK-0521-W185	\$315

**HASIL HL 2.1mm I.D. PEEK/Titanium Cartridges**



**HASIL HL C18 5µm**

20X2.1mm	5/pkg	40X2.1mm	2/pkg	50X2.1mm	2/pkg
LK-0221-C185	\$190	LK-0421-C185	\$300	LK-0521-C185	\$310

**HEAVY 2.1mm I.D. PEEK/Titanium Cartridges**



**HEAVY C18 5µm**

20X2.1mm	5/pkg	40X2.1mm	2/pkg	50X2.1mm	2/pkg
VK-0221-C185	\$190	VK-0421-C185	\$310	VK-0521-C185	\$315

**PHALANX 2.1mm I.D. PEEK/Titanium Cartridges**



**PHALANX C18 5µm**

20X2.1mm	5/pkg	40X2.1mm	2/pkg	50X2.1mm	2/pkg
PK-0221-C185	\$190	PK-0421-C185	\$310	PK-0521-C185	\$315

**PROTO 200 2.1mm I.D. PEEK/Titanium Cartridges**

200

**PROTO 200 C4 5µm**

20X2.1mm	5/pkg	40X2.1mm	2/pkg	50X2.1mm	2/pkg
RK-0221-D045	\$190	RK-0421-D045	\$310	RK-0521-D045	\$315

**PROTO 200 C18 5µm**

20X2.1mm	5/pkg	40X2.1mm	2/pkg	50X2.1mm	2/pkg
RK-0221-D185	\$190	RK-0421-D185	\$310	RK-0521-D185	\$315

**PROTO 300 2.1mm I.D. PEEK/Titanium Cartridges**



**PROTO 300 C4 5µm**

20X2.1mm	5/pkg	40X2.1mm	2/pkg	50X2.1mm	2/pkg
RK-0221-W045	\$190	RK-0421-W045	\$310	RK-0521-W045	\$315

**PROTO 300 C18 5µm**

20X2.1mm	5/pkg	40X2.1mm	2/pkg	50X2.1mm	2/pkg
RK-0221-W185	\$190	RK-0421-W185	\$310	RK-0521-W185	\$315

**TARGA 2.1mm I.D. PEEK/Titanium Cartridges**



**TARGA C8 5µm**

20X2.1mm	5/pkg	40X2.1mm	2/pkg	50X2.1mm	2/pkg
TK-0221-C085	\$180	TK-0421-C085	\$270	TK-0521-C085	\$280

**TARGA C18 5µm**

20X2.1mm	5/pkg	40X2.1mm	2/pkg	50X2.1mm	2/pkg
TK-0221-C185	\$180	TK-0421-C185	\$270	TK-0521-C185	\$280



## HAIPEEK & HAICART Guards

PEEK/TITANIUM and s.s. Guard Cartridges



### Guide to HAIPEEK and HAICART Guard Cartridge Part Numbers

xK-0221-xxxx 20 x 2.1mm PEEK/titanium guard cartridge  
 xF-0232-xxxx 20 x 3.2mm stainless steel guard cartridge

See Page 23 for complete Part Number information

Note: Old HAICART P/INs such as HI 18, TI 18, CIPH, etc. can still be used when ordering.

### Analytical Guard Cartridges

The complete range of sorbents manufactured by Higgins Analytical is available in 2cm x 2.1 or 3.2mm I.D. guard cartridges. Not only does this provide a wide selection of products for protecting analytical and narrowbore HPLC columns, it also facilitates a wide variety of trace enrichment, column switching, and ballistic gradient applications.

These 2cm long cartridges require a reusable holder and are compatible with Higgins Analytical's HAIPEEK Guard Holders as well as PE/Brownlee's NewGuard Holder.

[Place Order Here](#)

## CLIQUEUS Guard Cartridges



### CLIQUEUS C8 5µm

#### 2.1mm I.D. Peek/Titanium

20X2.1mm 5/pkg  
 CK-0221-C085 \$180

#### 3.2mm I.D. Stainless Steel

20X3.2mm 5/pkg  
 CF-0232-C085 \$180

### CLIQUEUS C18 5µm

#### 2.1mm I.D. Peek/Titanium

20X2.1mm 5/pkg  
 CK-0221-C185 \$180

#### 3.2mm I.D. Stainless Steel

20X3.2mm 5/pkg  
 CF-0232-C185 \$180

### CLIQUEUS Cyano 5µm

#### 2.1mm I.D. Peek/Titanium

20X2.1mm 5/pkg  
 CK-0221-CNP5 \$190

#### 3.2mm I.D. Stainless Steel

20X3.2mm 5/pkg  
 CF-0232-CNP5 \$185

### CLIQUEUS Phenyl 5µm

#### 2.1mm I.D. Peek/Titanium

20X2.1mm 5/pkg  
 CK-0221-PHN5 \$190

#### 3.2mm I.D. Stainless Steel

20X3.2mm 5/pkg  
 CF-0232-PHN5 \$185

### CLIQUEUS Silica 5µm

#### 2.1mm I.D. Peek/Titanium

20X2.1mm 5/pkg  
 CK-0221-SIL5 \$180

#### 3.2mm I.D. Stainless Steel

20X3.2mm 5/pkg  
 CF-0232-SIL5 \$180

## HAISIL 100 Guard Cartridges



### HAISIL 100 C8 5µm

#### 2.1mm I.D. Peek/Titanium

20X2.1mm 5/pkg  
 HK-0221-M085 \$180

#### 3.2mm I.D. Stainless Steel

20X3.2mm 5/pkg  
 HF-0232-M085 \$180

### HAISIL 100 C18 5µm

#### 2.1mm I.D. Peek/Titanium

20X2.1mm 5/pkg  
 HK-0221-M185 \$180

#### 3.2mm I.D. Stainless Steel

20X3.2mm 5/pkg  
 HF-0232-M185 \$180



## 2cm Guard Cartridge Holders

### Direct Connect Holders

Female/Male Standard	Female/Male for Waters Column
HK-GUARD-FM \$160	WK-GUARD-FM \$160

### Symmetrical Connection Holders

Female/Female Holder
HK-GUARD-FF \$175

## Holdings for Analytical Cartridge Columns

### Analytical Cartridge Holders

2cm Cartridges	4cm Cartridges	5cm Cartridges	10cm Cartridges
HK-HOLD-20 \$175	HK-HOLD-40 \$175	HK-HOLD-50 \$180	HK-HOLD-100 \$185

Note: HK-HOLD-20 is the same as HK-GUARD-FF

## Holdings for 10mm I.D. Semi-Prep Guards and Cartridges

### HAISPEED 10 Cartridge Holders

3cm Cartridges	5cm Cartridges	10cm Cartridges
10-HOLD-30 \$175	10-HOLD-50 \$180	10-HOLD-100 \$185

## Holdings for 20mm I.D. Prep Guard Cartridges

### HAISPEED 20 Guard Cartridge Holders

20x25mm Cartridges	20x35mm Cartridges	20x50mm Cartridges
20-HOLD-25 \$270	20-HOLD-35 \$270	20-HOLD-50 \$270

Higgins Analytical manufacturers the widest range of guard cartridges in the world

