

SPRITE

DIRECT CONNECT HPLC COLUMN



Guide to SPRITE Part Numbers

- xR-0121-xxxx 10 x 2.1mm Sprite
- xR-0221-xxxx 20 x 2.1mm Sprite
- xR-0421-xxxx 40 x 2.1mm Sprite

See Page 23 for complete Part Number information

The Sprite family of narrowbore HPLC columns is a unique high performance product for LC-MS and other high-speed, small volume applications. All three sizes of 2.1mm I.D Sprite HPLC columns are individually tested. A Certificate of Analysis accompanies each column. The Sprite's certificate includes the original chromatogram and comprehensive testing and sorbent documentation.

The inert PEEK and titanium design has been proven to be structurally sound to over 5,000 PSI (340Bar).

The optional Higgins *Micro Column Connection Kit* (PIN MIC-KIT, see page 69) includes sleeves and finger-tight bushings to facilitate the attachment of a Sprite to most injection valves, detectors, and MS source inlets.

[Place Order Here](#)

CLIQUEUS Sprite



CLIQUEUS C8 5µm

10X2.1mm CR-0121-C085	\$190	20X2.1mm CR-0221-C085	\$200	40X2.1mm CR-0421-C085	\$235
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CLIQUEUS C18 5µm

10X2.1mm CR-0121-C185	\$190	20X2.1mm CR-0221-C185	\$200	40X2.1mm CR-0421-C185	\$235
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CLIQUEUS Cyano 5µm

10X2.1mm CR-0121-CNP5	\$190	20X2.1mm CR-0221-CNP5	\$200	40X2.1mm CR-0421-CNP5	\$235
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CLIQUEUS Phenyl 5µm

10X2.1mm CR-0121-PHN5	\$190	20X2.1mm CR-0221-PHN5	\$200	40X2.1mm CR-0421-PHN5	\$235
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CLIQUEUS Silica 5µm

10X2.1mm CR-0121-SIL5	\$190	20X2.1mm CR-0221-SIL5	\$200	40X2.1mm CR-0421-SIL5	\$235
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HAISIL 100 Sprite



HAISIL 100 C8 5µm

10X2.1mm HR-0121-M085	\$190	20X2.1mm HR-0221-M085	\$200	40X2.1mm HR-0421-M085	\$235
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HAISIL 100 C18 5µm

10X2.1mm HR-0121-M185	\$190	20X2.1mm HR-0221-M185	\$200	40X2.1mm HR-0421-M185	\$235
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HAISIL 300 Sprite



HAISIL 300 C18 5µm

10X2.1mm HR-0121-W185	\$190	20X2.1mm HR-0221-W185	\$200	40X2.1mm HR-0421-W185	\$235
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HAISIL HL Sprite



HAISIL HL C18 5µm

10X2.1mm LR-0121-C185	\$190	20X2.1mm LR-0221-C185	\$200	40X2.1mm LR-0421-C185	\$235
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HEAVY Sprite



HEAVY C18 5µm

10X2.1mm VR-0121-C185	\$190	20X2.1mm VR-0221-C185	\$200	40X2.1mm VR-0421-C185	\$235
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PHALANX Sprite



PHALANX C18 5µm

10X2.1mm PR-0121-C185	\$190	20X2.1mm PR-0221-C185	\$200	40X2.1mm PR-0421-C185	\$235
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PROTO 200 Sprite

200

PROTO 200 C4 5µm

10X2.1mm RR-0121-D045	\$190	20X2.1mm RR-0221-D045	\$200	40X2.1mm RR-0421-D045	\$235
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PROTO 200 C18 5µm

10X2.1mm RR-0121-D185	\$190	20X2.1mm RR-0221-D185	\$200	40X2.1mm RR-0421-D185	\$235
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PROTO 300 Sprite



PROTO 300 C4 5µm

10X2.1mm RR-0121-W045	\$190	20X2.1mm RR-0221-W045	\$200	40X2.1mm RR-0421-W045	\$235
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PROTO 300 C18 5µm

10X2.1mm RR-0121-W185	\$190	20X2.1mm RR-0221-W185	\$200	40X2.1mm RR-0421-W185	\$235
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TARGA Sprite



TARGA C8 5µm

10X2.1mm TR-0121-C085	\$190	20X2.1mm TR-0221-C085	\$200	40X2.1mm TR-0421-C085	\$235
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TARGA C18 5µm

10X2.1mm TR-0121-C185	\$190	20X2.1mm TR-0221-C185	\$200	40X2.1mm TR-0421-C185	\$235
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SPRITE is Designed to Operate in Either Flow Direction

A SPRITE is made of PEEK and titanium and can be connected directly to a sample injection valve or directly to a mass spectrometer's source inlet.



Higgins Analytical manufactures a wide range of small column and cartridge formats with polymeric phases from Polymer Labs Ltd.

This powerful array of media provides chromatographers with unique solutions for challenging HPLC applications. In addition to not having the pH limitations inherent to all silica-based sorbents, these polymeric phases provide an orthogonal tool for addressing difficult protocols and multidimensional techniques. The relatively high capacity and unique selectivity of these robust phases can often provide a separation under harsh conditions that cannot be addressed with popular silica-based columns.

The rigid porous structure and chemical stability of Polymer Labs media make them compatible with the wide range organic solvents typically used in modern HPLC methods. In addition to insuring long mechanical and chemical life times, this robustness also provides an ability for these polymeric phases to be rejuvenated under chemical and thermal conditions that would be unthinkable to subject a conventional HPLC column.

The uniform hydrophobicity and absence of acidic silanols make this family of polymeric phases ideal for many biomolecule separations.

POLYMERIC Reverse Phase Sprite

POLYMERIC PLRR-S 100Å 3µm	2.1mm I.D. SPRITE Columns
10X2.1mm PLR-0121-RP13	20X2.1mm PLR-0221-RP13
POLYMERIC PLRR-S 300Å 3µm	2.1mm I.D. SPRITE Columns
10X2.1mm PLR-0121-RP33	20X2.1mm PLR-0221-RP33
POLYMERIC PLRR-S 1000Å 5µm	2.1mm I.D. SPRITE Columns
10X2.1mm PLR-0121-RPK5	20X2.1mm PLR-0221-RPK5
POLYMERIC PLRR-S 4000Å 5µm	2.1mm I.D. SPRITE Columns
10X2.1mm PLR-0121-RP4K5	20X2.1mm PLR-0221-RP4K5

POLYMERIC Strong Anion Exchange Sprite

POLYMERIC SAX 1000Å 5µm	2.1mm I.D. SPRITE Columns
10X2.1mm PLR-0121-AXK5	20X2.1mm PLR-0221-AXK5
POLYMERIC SAX 4000Å 5µm	2.1mm I.D. SPRITE Columns
10X2.1mm PLR-0121-AX4K5	20X2.1mm PLR-0221-AX4K5

POLYMERIC Strong Cation Exchange Sprite

POLYMERIC SCX 1000Å 5µm	2.1mm I.D. SPRITE Columns
10X2.1mm PLR-0121-SCXK5	20X2.1mm PLR-0221-SCXK5
POLYMERIC SCX 4000Å 5µm	2.1mm I.D. SPRITE Columns
10X2.1mm PLR-0121-SCX4K5	20X2.1mm PLR-0221-SCX4K5

POLYMERIC Weak Anion Exchange Sprite

POLYMERIC WAX 1000Å 5µm	2.1mm I.D. SPRITE Columns
10X2.1mm PLR-0121-WAXK5	20X2.1mm PLR-0221-WAXK5
POLYMERIC WAX 4000Å 5µm	2.1mm I.D. SPRITE Columns
10X2.1mm PLR-0121-WAX4K5	20X2.1mm PLR-0221-WAX4K5

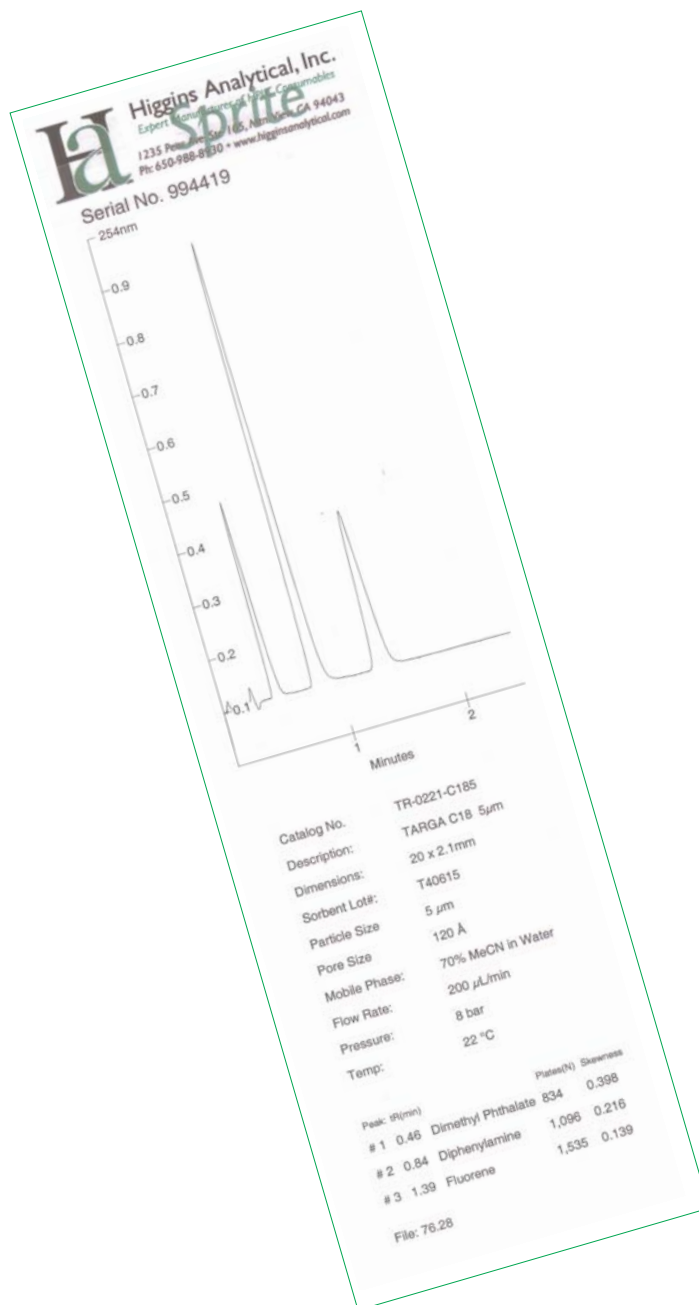
POLYMERIC Weak Cation Exchange Sprite

POLYMERIC WCX 1000Å 5µm	2.1mm I.D. SPRITE Columns
10X2.1mm PLR-0121-WCXK5	20X2.1mm PLR-0221-WCXK5
POLYMERIC WCX 4000Å 5µm	2.1mm I.D. SPRITE Columns
10X2.1mm PLR-0121-WCX4K5	20X2.1mm PLR-0221-WCX4K5

Higgins Analytical develops and manufactures a wide range of stainless steel and PEEK (polyetheretherketone) High Performance Liquid Chromatography (HPLC) columns and cartridges. These unique offerings address many needs of chromatographers desiring fast analysis times, efficient system and column protection, and chemical inertness.

Special application areas include LC/MS, combinatorial chemistry, column switching techniques, in-line filtration, and guard column requirements. Products are supplied and supported worldwide by a network of responsive distributors.

We are a quality-oriented chromatography company dedicated to providing performance products, expert support, and rapid delivery to research and quality control laboratories worldwide.



**Higgins
Analytical**

*Expert Manufacturers of
HPLC Consumables*

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