



# Surf Prep — High Resolution Preparative LC

*im*Chem

# Surf Preparative

## Choosing imChem

A complete range of high quality columns for all chromatographic separations.

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**QUALITY**



**MADE IN  
FRANCE**

# Surf Prep

## From Analytical HPLC to High Resolution Preparative LC

Surf is ImChem's workhorse for analytical method development and routine analysis. Its ultra-high purity silica, comprehensive reversed phase selectivity and high resolution makes Surf the No. 1 choice for QC and R&D labs.

However, many of our numerous users worldwide asked us to supply a solution to scale up from analytical HPLC to preparative LC, maintaining Surf's high performance from grams to kilos.

Surf Prep is available in 5µm and 10µm particles, both as packed columns - 10 to 50mm ID and 50 to 250mm length - or bulk - from 100g to 20kg, allowing you to obtain the same analytical selectivity, robustness and performance from your analytical method up to your DAC system.

All Surf analytical packings are available in semiprep and prep columns and bulk, preventing you to compromise over selectivity to achieve your resolution goal. This represents the unique guarantee imChem brings towards your needs.



# Surf Prep

## Surf SILICA

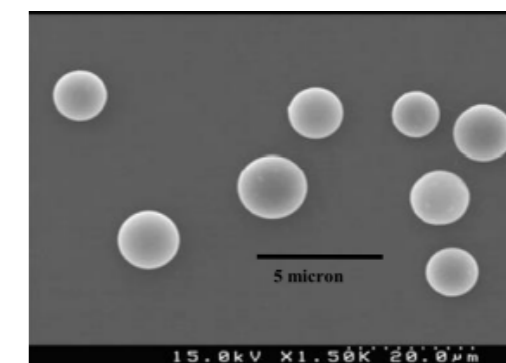
The performance of Surf columns and packings comes from the ultra-high quality and purity of our silica (99.99%) and extremely low metal content - less than 10 ppm in total.

### Spherical particles

Surf silica particles are spherical and exhibits a uniform surface and extremely narrow size distribution. Strict quality control guarantees consistent pore sizes and pore structure, enabling high mechanical strength and enhanced bed stability.

Those characteristics results in reproducible packing batch to batch, column to column, either analytical as preparative, allowing longer column lifetime.

With a specific surface area of 310m<sup>2</sup>/g and 100Å pore diameter, Surf was developed to display a high load capacity and deal with small to medium molecules (up to 7,000 Da), which is ideal for both analytical and preparative separations.



electron microscope

Particle shape	Spherical
Specific surface area	310 m <sup>2</sup> /g
Nominal pore diameter	100Å, 150Å, 200Å & 300Å
Pore volume	0.8 ml/g
Particle sizes available	5 & 10 µm
Purity	99.99%
Na	Less than 1 ppm
Ca	Less than 1 ppm
Mg	Less than 1 ppm
Al	Less than 1 ppm
Fe	Less than 1 ppm

# Surf Prep

## A Comprehensive Range

The capability to separate different molecules by chromatography is essentially based in load capacity and selectivity.

With Surf we have a high load capacity achieved by a high surface area associated to a high pore volume, among the best in the market.

In other hand, selectivity is the packing ability that allow similar molecules to interact differently with the chromatographic bed. To cover most selectivity issues, Surf is supplied in 7 differently endcapped C18 and C8 bonded phases and also Phenyl, Phenyl Hexyl, C4, C30 and unbonded Silica.

Surf is also presented in 150Å, 200Å and 300Å BIO versions with C18, C8 and C4 bonded phases, adequate for large molecules such as peptides and proteins.

You can choose a conventional TMS endcapping with our C18, C8 and C4 phases, designed and manufactured in perfection to avoid any secondary interactions with free silanols. In other hand, if polar selectivity is required due to complex mixtures, we offer our C18 Polar and C8 Polar phases.

As the separation of basic analytes is a quite demanding challenge, we developed a range of base-deactivated phases – C18 Wax and C8 Wax – with reduced peak tailing for amines and other basic molecules.

If stability under 100% aqueous and/or 100% organic mobile phases is a requirement for your method, you can choose our AQ C18 and C8 phases, that uses a specific polar endcapping providing added retention for polar compounds.

The crescent use of LC-MS poses specific requirements when it comes to reversed phase columns: short retention times and low phase bleeding. For such purpose, imChem developed our latest state-of-the-art trifunctional endcapping, providing a controlled hydrophobia associated with steric selectivity. You can choose C18 TriF or C8 TriF or their Polar counterparts, for enhanced polar selectivity.

When it comes to deal with aromatic mixtures, the best reversed phase solution are bonded phases equipped with  $\pi$ - $\pi$  interactions. Surf presents both Phenyl and Phenyl Hexyl phases, the later with enhanced hydrophobicity for demanding separations.

# Surf Prep

## A Comprehensive Range

If your separation demands work at a wider pH range, Surf is also available with our specifically designed high density endcapping Extreme C18 and C8 phases, allowing you to work from pH 1 to 10.

Surf also presents in its range a C30 bonded phase, specifically suited for carotenoids and terpenes.

Finally, for normal phase separations, you can choose our high-quality, high purity Surf Silica.

Our compromise with our customers is unconditional so, if you need a specific bonded phase, we can supply Surf bonded with NH<sub>2</sub>, CN and Diol bonded phases.



# Surf Prep

## Surf Stationary Phases

### Surf

Our Surf range represents a traditional, high resolution phase for general use, intended to develop robust analytical methods. Due to its competitive price, Surf columns are the first choice for your lab, with clear advantages due to its high surface area and thorough endcapping. With our new offer, you can now achieve high resolution prep methods using your favorite Surf phase.

- Surf columns uses high performance and ultra-high purity silica with very low metal content, offering excellent peak shape, hydrophobic selectivity and extended lifetime.
- Surf is available in bonded C18, C8, C4, C30, Phenyl, Phenyl Hexyl and unbonded Silica. Also available in NH<sub>2</sub>, CN and Diol bonded phases under request.
- Surf range exhibits conventional TMS endcapping in Surf versions and no endcapping in Polar versions.

### Surf Polar

High performance spherical silica high purity and low metal content for challenging applications.

The narrow distribution of particle size, combined with a specific surface and an optimal pore volume allows for robust particles with excellent retention characteristics.

- Excellent peak shape.
- Partition of acid, basic and neutral compounds in a single analysis.
- Excellent column lifetime.
- No endcapping for our Surf Polar range which is ideal for mixtures of complex polarity.

### Surf Wax

Our Surf Wax range is subjected to a high density endcapping in order to achieve an extensive base deactivation, making it suitable for analysis of basic compounds, such as amines.

- Surf Wax uses high performance and ultra-high purity silica with low metal content, offering excellent peak shape, enhanced polar selectivity and extended lifetime, showing a reduced peak tailing for amines and other basic molecules.
- Surf Wax is available in bonded C18 and C8.
- Surf Wax range exhibits high density endcapping for base deactivation.

# Surf Prep

## Surf Stationary Phases

### Surf TriF

Our Surf TriF range uses our state of the art, last generation trifunctional endcapping, designed to achieve a controlled hydrophobia allowing shorter retention times and steric selectivity.

- Surf TriF uses high performance and ultra-high purity silica with low metal content, offering excellent peak shape, steric selectivity, short retention times and high robustness in extreme conditions, making it particularly suitable for LC-MS.
- Surf TriF is available in endcapped C18 and C8 and non-endcapped Polar C18 and Polar C8.
- Surf TriF range exhibits trifunctional endcapping.

### Surf AQ

Our AQ range is fully stable from 100% aqueous mobile phase to 100% organic mobile phase.

- Surf AQ uses high performance and high purity silica with low metal content, offering excellent peak shape, enhanced polar selectivity and extended lifetime, adequate for complex samples with both polar and non-polar analytes.
- Surf AQ is available in bonded C18 and C8.
- AQ range exhibits a polar endcapping allowing the use of 100% aqueous mobile phase to 100% organic mobile phase.

### Surf Polar TriF

Born from our last-generation bonding technology. Controlled hydrophobia allowing shorter retention times than on a traditional bonding, to allow a faster analysis while consuming less mobile phase.

- Ideal for a mass spectrometry use, C18 trifunctional bonding.
- High robustness in extreme environments.
- Steric selectivity
- No endcapping for our Surf Polar TriF range, which is ideal for mixtures of complex polarity.

### Surf Extreme

Our Extreme range was born from our state-of-the-art, last generation high density bonding technology.

- Surf Extreme uses high performance and high purity silica with low metal content, offering excellent peak shape, a controlled hydrophobicity, steric selectivity and over-extended lifetime, designed to be used from pH 1 to 10.
- Surf Extreme is available in bonded C18 and C8.
- Surf Extreme range exhibits a high density endcapping allowing its use under extreme pH (1 to 10) conditions.



# Surf Prep

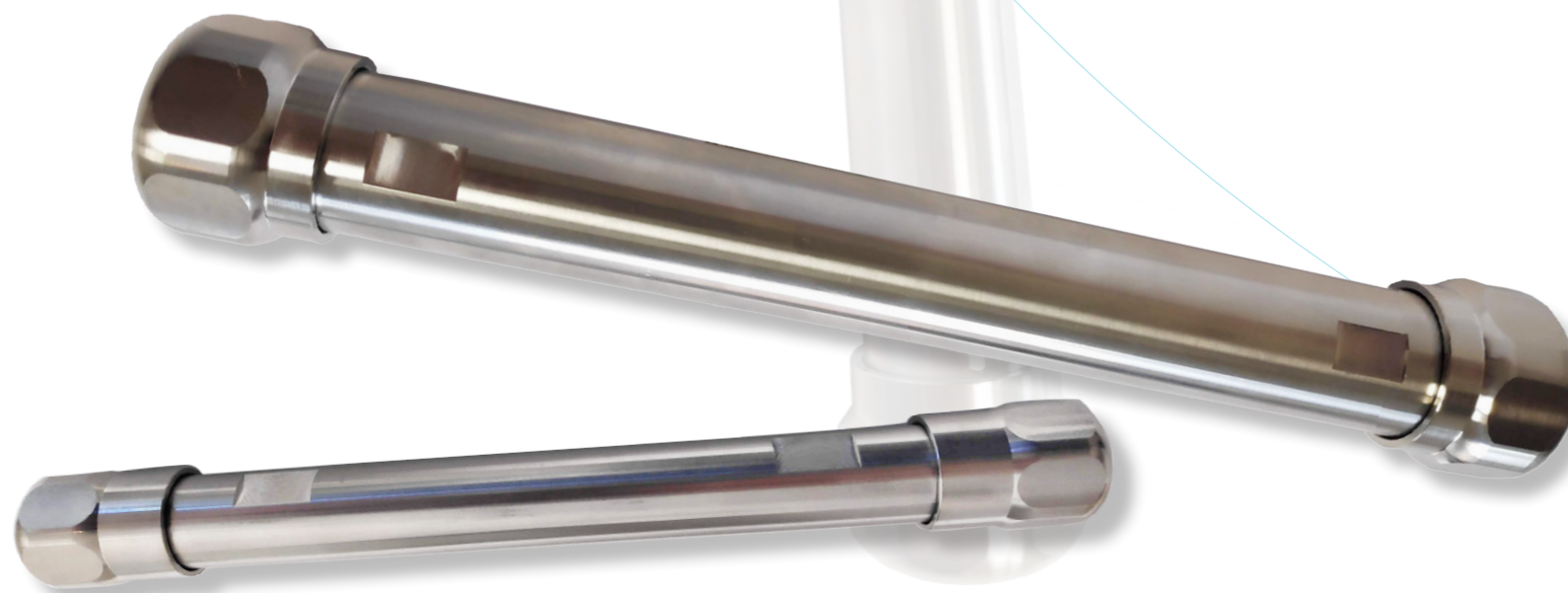
## HARDWARE

The surf range comes in the following dimensions :

Ø10	Ø21.2	Ø30	Ø50
250 x 10 mm	250 x 21.2 mm	250 x 30 mm	250 x 50 mm
150 x 10 mm	150 x 21.2 mm	150 x 30 mm	150 x 50 mm
100 x 10 mm	100 x 21.2 mm	100 x 30 mm	100 x 50 mm
----	50 x 21.2 mm	50 x 30 mm	50 x 50 mm

ImChem also supplies analytical, semiprep & preparative hardware for you to pack your own columns (Please see our Hardware brochure for details).

Do not hesitate to contact us.



# Surf Prep

# Surf Prep

## Scale Up

Although Surf was developed for analytical work, its outstanding capabilities make it suitable to scale up your separation.

As you develop your analytical method you have the guarantee that reproducibility across all diameters are achieved.

You just need to apply the Scale Up Formula to achieve the same separation results:

$$FR_p = FR_a \times \frac{DP^2 \times L_p}{DA^2 \times L_a}$$

Where:

- FR<sub>p</sub> is flow rate in prep column
- FR<sub>a</sub> is flow rate in analytical column
- DP is column diameter in prep column
- DA is column diameter in analytical column
- L<sub>p</sub> is length of prep column
- L<sub>a</sub> is length of analytical column

# Surf Prep

## Load Capacity

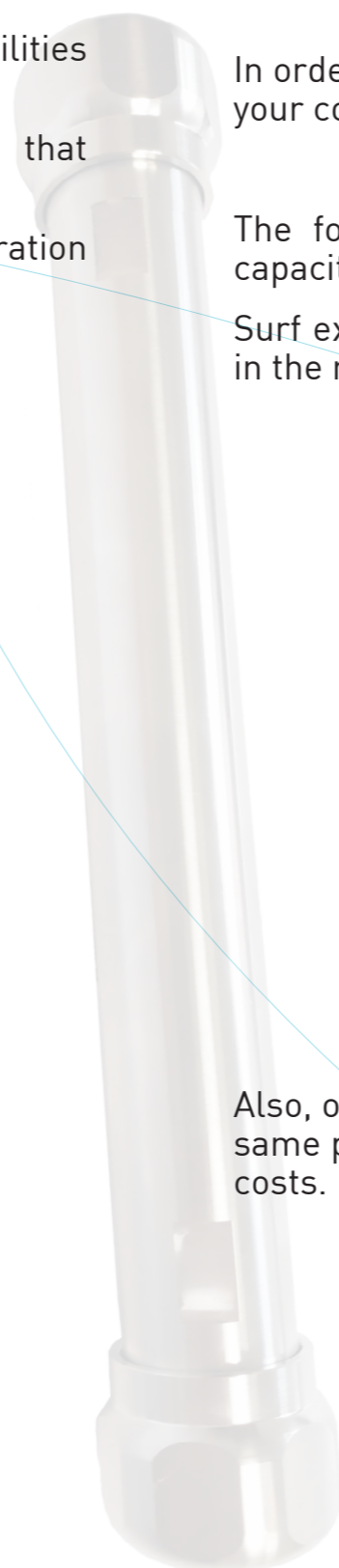
In order to obtain an effective scale up, it is of utmost importance to choose your column according to the mass you are looking to collect.

The following table gives you some recommendations for typical load capacity, flow rate and injection volume depending on column dimensions.

Surf exhibits an optimized load capacity when compared to other products in the market.

Typical load capacity (mg)					
Length	Ø 4.6	Ø 10	Ø 21.2	Ø 30	Ø 50
50 mm	3	15	65	130	350
150 mm	9	40	195	380	1070
250 mm	15	70	320	640	1780
Typical flow rate (ml/min)	1	5	22	45	120
Typical injection volume (µl)	20	100	450	850	2400

Also, our premium quality packing guarantees longer lifetimes, keeping the same performance after hundreds of injections, reducing dramatically your costs.



### Surf C18 columns



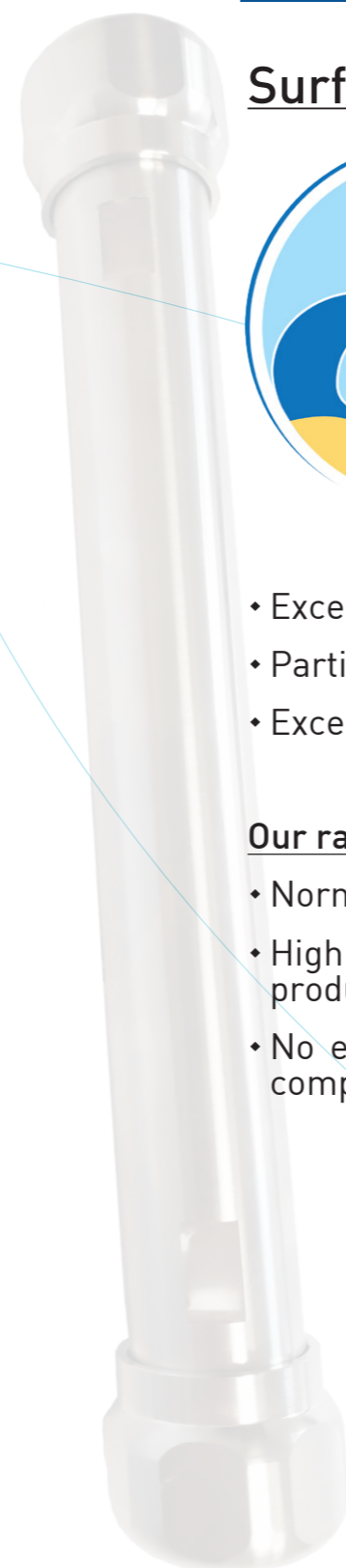
High performance spherical silica, high purity, and low metal content for challenging applications.

The narrow distribution of particle size, combined with a specific surface and an optimal pore volume allows for robust particles with excellent retention characteristics.

- Excellent peak shape.
- Partition of acid, basic and neutral compounds in a single analysis.
- Excellent column lifetime.

### Our range includes three distinct selectivities:

- Normal endcapping for our **Surf** range.
- High density endcapping for our **Surf Wax** range; deactivated for basic products to reduce peak tailings, offering a better loading capacity.
- No endcapping for our **Surf Polar** range, which is ideal for mixtures of complex polarity.





# Surf Prep

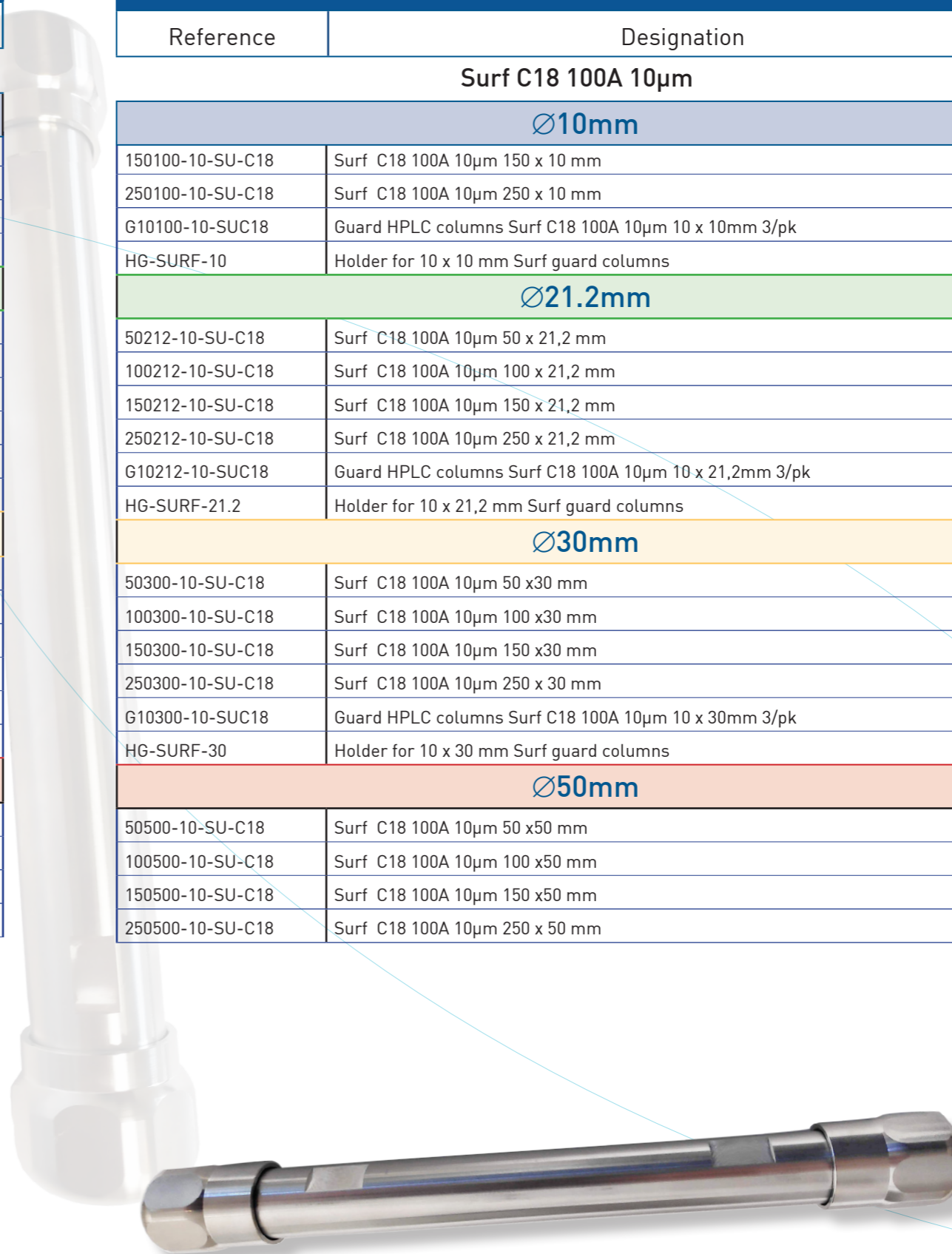
## To Order

Reference	Designation
<b>Surf C18 100A 5µm</b>	
<b>Ø10mm</b>	
150100-5-SU-C18	Surf C18 100A 5µm 150 x 10 mm
250100-5-SU-C18	Surf C18 100A 5µm 250 x 10 mm
G10100-5-SUC18	Guard HPLC columns Surf C18 100A 5µm 10 x 10mm 3/pk
HG-SURF-10	Holder for 10 x 10 mm Surf guard columns
<b>Ø21.2mm</b>	
50212-5-SU-C18	Surf C18 100A 5µm 50 x 21,2 mm
100212-5-SU-C18	Surf C18 100A 5µm 100 x 21,2 mm
150212-5-SU-C18	Surf C18 100A 5µm 150 x 21,2 mm
250212-5-SU-C18	Surf C18 100A 5µm 250 x 21,2 mm
G10212-5-SUC18	Guard HPLC columns Surf C18 100A 5µm 10 x 21,2mm 3/pk
HG-SURF-21.2	Holder for 10 x 21,2 mm Surf guard columns
<b>Ø30mm</b>	
50300-5-SU-C18	Surf C18 100A 5µm 50 x30 mm
100300-5-SU-C18	Surf C18 100A 5µm 100 x30 mm
150300-5-SU-C18	Surf C18 100A 5µm 150 x30 mm
250300-5-SU-C18	Surf C18 100A 5µm 250 x 30 mm
G10300-5-SUC18	Guard HPLC columns Surf C18 100A 5µm 10 x 30mm 3/pk
HG-SURF-30	Holder for 10 x 30 mm Surf guard columns
<b>Ø50mm</b>	
50500-5-SU-C18	Surf C18 100A 5µm 50 x50 mm
100500-5-SU-C18	Surf C18 100A 5µm 100 x50 mm
150500-5-SU-C18	Surf C18 100A 5µm 150 x50 mm
250500-5-SU-C18	Surf C18 100A 5µm 250 x 50 mm

# Surf Prep

## To Order

Reference	Designation
<b>Surf C18 100A 10µm</b>	
<b>Ø10mm</b>	
150100-10-SU-C18	Surf C18 100A 10µm 150 x 10 mm
250100-10-SU-C18	Surf C18 100A 10µm 250 x 10 mm
G10100-10-SUC18	Guard HPLC columns Surf C18 100A 10µm 10 x 10mm 3/pk
HG-SURF-10	Holder for 10 x 10 mm Surf guard columns
<b>Ø21.2mm</b>	
50212-10-SU-C18	Surf C18 100A 10µm 50 x 21,2 mm
100212-10-SU-C18	Surf C18 100A 10µm 100 x 21,2 mm
150212-10-SU-C18	Surf C18 100A 10µm 150 x 21,2 mm
250212-10-SU-C18	Surf C18 100A 10µm 250 x 21,2 mm
G10212-10-SUC18	Guard HPLC columns Surf C18 100A 10µm 10 x 21,2mm 3/pk
HG-SURF-21.2	Holder for 10 x 21,2 mm Surf guard columns
<b>Ø30mm</b>	
50300-10-SU-C18	Surf C18 100A 10µm 50 x30 mm
100300-10-SU-C18	Surf C18 100A 10µm 100 x30 mm
150300-10-SU-C18	Surf C18 100A 10µm 150 x30 mm
250300-10-SU-C18	Surf C18 100A 10µm 250 x 30 mm
G10300-10-SUC18	Guard HPLC columns Surf C18 100A 10µm 10 x 30mm 3/pk
HG-SURF-30	Holder for 10 x 30 mm Surf guard columns
<b>Ø50mm</b>	
50500-10-SU-C18	Surf C18 100A 10µm 50 x50 mm
100500-10-SU-C18	Surf C18 100A 10µm 100 x50 mm
150500-10-SU-C18	Surf C18 100A 10µm 150 x50 mm
250500-10-SU-C18	Surf C18 100A 10µm 250 x 50 mm



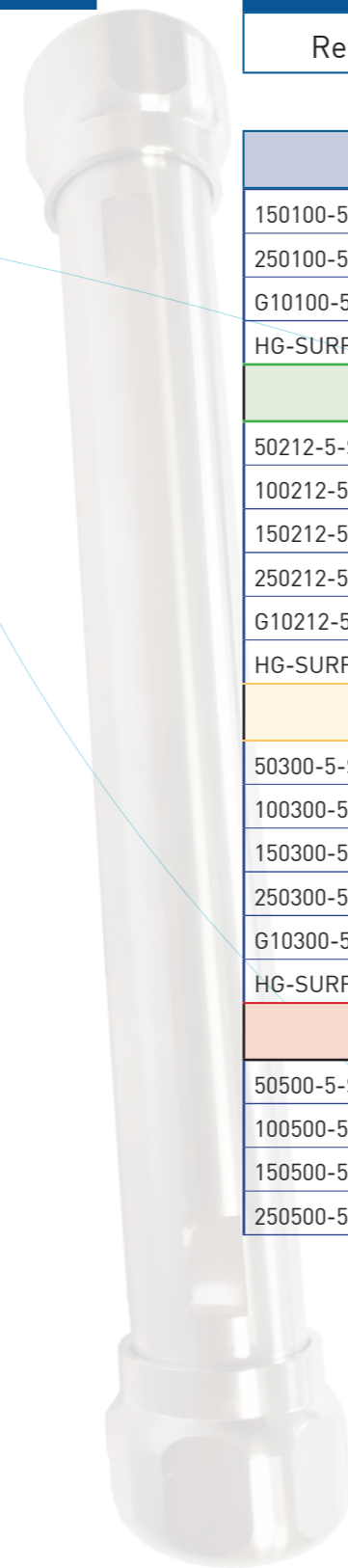
# Surf Prep

## Notes

# Surf Prep

## To Order

Reference	Designation
<b>Surf C18 Polar 100A 5µm</b>	
<b>Ø10mm</b>	
150100-5-SU-C18P	Surf C18 Polar 100A 5µm 150 x 10 mm
250100-5-SU-C18P	Surf C18 Polar 100A 5µm 250 x 10 mm
G10100-5-SUC18P	Guard HPLC columns Surf C18 Polar 100A 5µm 10 x 10mm 3/pk
HG-SURF-10	Holder for 10 x 10 mm Surf guard columns
<b>Ø21.2mm</b>	
50212-5-SU-C18P	Surf C18 Polar 100A 5µm 50 x 21,2 mm
100212-5-SU-C18P	Surf C18 Polar 100A 5µm 100 x 21,2 mm
150212-5-SU-C18P	Surf C18 Polar 100A 5µm 150 x 21,2 mm
250212-5-SU-C18P	Surf C18 Polar 100A 5µm 250 x 21,2 mm
G10212-5-SUC18P	Guard HPLC columns Surf C18 Polar 100A 5µm 10 x 21,2mm 3/pk
HG-SURF-21.2	Holder for 10 x 21,2 mm Surf guard columns
<b>Ø30mm</b>	
50300-5-SU-C18P	Surf C18 Polar 100A 5µm 50 x30 mm
100300-5-SU-C18P	Surf C18 Polar 100A 5µm 100 x30 mm
150300-5-SU-C18P	Surf C18 Polar 100A 5µm 150 x30 mm
250300-5-SU-C18P	Surf C18 Polar 100A 5µm 250 x 30 mm
G10300-5-SUC18P	Guard HPLC columns Surf C18 Polar 100A 5µm 10 x 30mm 3/pk
HG-SURF-30	Holder for 10 x 30 mm Surf guard columns
<b>Ø50mm</b>	
50500-5-SU-C18P	Surf C18 Polar 100A 5µm 50 x50 mm
100500-5-SU-C18P	Surf C18 Polar 100A 5µm 100 x50 mm
150500-5-SU-C18P	Surf C18 Polar 100A 5µm 150 x50 mm
250500-5-SU-C18P	Surf C18 Polar 100A 5µm 250 x 50 mm



# Surf Prep

## To Order

Reference	Designation
<b>Surf C18 Polar 100A 10µm</b>	
<b>Ø10mm</b>	
150100-10-SU-C18P	Surf C18 Polar 100A 10µm 150 x 10 mm
250100-10-SU-C18P	Surf C18 Polar 100A 10µm 250 x 10 mm
G10100-10-SUC18P	Guard HPLC columns Surf C18 Polar 100A 10µm 10 x 10mm 3/pk
HG-SURF-10	Holder for 10 x 10 mm Surf guard columns
<b>Ø21.2mm</b>	
50212-10-SU-C18P	Surf C18 Polar 100A 10µm 50 x 21,2 mm
100212-10-SU-C18P	Surf C18 Polar 100A 10µm 100 x 21,2 mm
150212-10-SU-C18P	Surf C18 Polar 100A 10µm 150 x 21,2 mm
250212-10-SU-C18P	Surf C18 Polar 100A 10µm 250 x 21,2 mm
G10212-10-SUC18P	Guard HPLC columns Surf C18 Polar 100A 10µm 10 x 21,2mm 3/pk
HG-SURF-21.2	Holder for 10 x 21,2 mm Surf guard columns
<b>Ø30mm</b>	
50300-10-SU-C18P	Surf C18 Polar 100A 10µm 50 x30 mm
100300-10-SU-C18P	Surf C18 Polar 100A 10µm 100 x30 mm
150300-10-SU-C18P	Surf C18 Polar 100A 10µm 150 x30 mm
250300-10-SU-C18P	Surf C18 Polar 100A 10µm 250 x 30 mm
G10300-10-SUC18P	Guard HPLC columns Surf C18 Polar 100A 10µm 10 x 30mm 3/pk
HG-SURF-30	Holder for 10 x 30 mm Surf guard columns
<b>Ø50mm</b>	
50500-10-SU-C18P	Surf C18 Polar 100A 10µm 50 x50 mm
100500-10-SU-C18P	Surf C18 Polar 100A 10µm 100 x50 mm
150500-10-SU-C18P	Surf C18 Polar 100A 10µm 150 x50 mm
250500-10-SU-C18P	Surf C18 Polar 100A 10µm 250 x 50 mm

# Surf Prep

## To Order

Reference	Designation
<b>Surf C18 Wax 100A 5µm</b>	
<b>Ø10mm</b>	
150100-5-SU-C18W	Surf C18 WAX 100A 5µm 150 x 10 mm
250100-5-SU-C18W	Surf C18 WAX 100A 5µm 250 x 10 mm
G10100-5-SUC18W	Guard HPLC columns Surf C18 WAX 100A 5µm 10 x 10mm 3/pk
HG-SURF-10	Holder for 10 x 10 mm Surf guard columns
<b>Ø21.2mm</b>	
50212-5-SU-C18W	Surf C18 WAX 100A 5µm 50 x 21,2 mm
100212-5-SU-C18W	Surf C18 WAX 100A 5µm 100 x 21,2 mm
150212-5-SU-C18W	Surf C18 WAX 100A 5µm 150 x 21,2 mm
250212-5-SU-C18W	Surf C18 WAX 100A 5µm 250 x 21,2 mm
G10212-5-SUC18W	Guard HPLC columns Surf C18 WAX 100A 5µm 10 x 21,2mm 3/pk
HG-SURF-21.2	Holder for 10 x 21,2 mm Surf guard columns
<b>Ø30mm</b>	
50300-5-SU-C18W	Surf C18 WAX 100A 5µm 50 x30 mm
100300-5-SU-C18W	Surf C18 WAX 100A 5µm 100 x30 mm
150300-5-SU-C18W	Surf C18 WAX 100A 5µm 150 x30 mm
250300-5-SU-C18W	Surf C18 WAX 100A 5µm 250 x 30 mm
G10300-5-SUC18W	Guard HPLC columns Surf C18 WAX 100A 5µm 10 x 30mm 3/pk
HG-SURF-30	Holder for 10 x 30 mm Surf guard columns
<b>Ø50mm</b>	
50500-5-SU-C18W	Surf C18 WAX 100A 5µm 50 x50 mm
100500-5-SU-C18W	Surf C18 WAX 100A 5µm 100 x50 mm
150500-5-SU-C18W	Surf C18 WAX 100A 5µm 150 x50 mm
250500-5-SU-C18W	Surf C18 WAX 100A 5µm 250 x 50 mm

# Surf Prep

## To Order

Reference	Designation
<b>Surf C18 Wax 100A 10µm</b>	
<b>Ø10mm</b>	
150100-10-SU-C18W	Surf C18 WAX 100A 10µm 150 x 10 mm
250100-10-SU-C18W	Surf C18 WAX 100A 10µm 250 x 10 mm
G10100-10-SUC18W	Guard HPLC columns Surf C18 WAX 100A 10µm 10 x 10mm 3/pk
HG-SURF-10	Holder for 10 x 10 mm Surf guard columns
<b>Ø21.2mm</b>	
50212-10-SU-C18W	Surf C18 WAX 100A 10µm 50 x 21,2 mm
100212-10-SU-C18W	Surf C18 WAX 100A 10µm 100 x 21,2 mm
150212-10-SU-C18W	Surf C18 WAX 100A 10µm 150 x 21,2 mm
250212-10-SU-C18W	Surf C18 WAX 100A 10µm 250 x 21,2 mm
G10212-10-SUC18W	Guard HPLC columns Surf C18 WAX 100A 10µm 10 x 21,2mm 3/pk
HG-SURF-21.2	Holder for 10 x 21,2 mm Surf guard columns
<b>Ø30mm</b>	
50300-10-SU-C18W	Surf C18 WAX 100A 10µm 50 x30 mm
100300-10-SU-C18W	Surf C18 WAX 100A 10µm 100 x30 mm
150300-10-SU-C18W	Surf C18 WAX 100A 10µm 150 x30 mm
250300-10-SU-C18W	Surf C18 WAX 100A 10µm 250 x 30 mm
G10300-10-SUC18W	Guard HPLC columns Surf C18 WAX 100A 10µm 10 x 30mm 3/pk
HG-SURF-30	Holder for 10 x 30 mm Surf guard columns
<b>Ø50mm</b>	
50500-10-SU-C18W	Surf C18 WAX 100A 10µm 50 x50 mm
100500-10-SU-C18W	Surf C18 WAX 100A 10µm 100 x50 mm
150500-10-SU-C18W	Surf C18 WAX 100A 10µm 150 x50 mm
250500-10-SU-C18W	Surf C18 WAX 100A 10µm 250 x 50 mm

# Surf Prep

## To Order

Reference	Designation
<b>Surf C18 TriF 100A 5µm</b>	
<b>Ø10mm</b>	
150100-5-SU-C18T	Surf C18 TriF 100A 5µm 150 x 10 mm
250100-5-SU-C18T	Surf C18 TriF 100A 5µm 250 x 10 mm
G10100-5-SUC18T	Guard HPLC columns Surf C18 TriF 100A 5µm 10 x 10mm 3/pk
HG-SURF-10	Holder for 10 x 10 mm Surf guard columns
<b>Ø21.2mm</b>	
50212-5-SU-C18T	Surf C18 TriF 100A 5µm 50 x 21,2 mm
100212-5-SU-C18T	Surf C18 TriF 100A 5µm 100 x 21,2 mm
150212-5-SU-C18T	Surf C18 TriF 100A 5µm 150 x 21,2 mm
250212-5-SU-C18T	Surf C18 TriF 100A 5µm 250 x 21,2 mm
G10212-5-SUC18T	Guard HPLC columns Surf C18 TriF 100A 5µm 10 x 21,2mm 3/pk
HG-SURF-21.2	Holder for 10 x 21,2 mm Surf guard columns
<b>Ø30mm</b>	
50300-5-SU-C18T	Surf C18 TriF 100A 5µm 50 x30 mm
100300-5-SU-C18T	Surf C18 TriF 100A 5µm 100 x30 mm
150300-5-SU-C18T	Surf C18 TriF 100A 5µm 150 x30 mm
250300-5-SU-C18T	Surf C18 TriF 100A 5µm 250 x 30 mm
G10300-5-SUC18T	Guard HPLC columns Surf C18 TriF 100A 5µm 10 x 30mm 3/pk
HG-SURF-30	Holder for 10 x 30 mm Surf guard columns
<b>Ø50mm</b>	
50500-5-SU-C18T	Surf C18 TriF 100A 5µm 50 x50 mm
100500-5-SU-C18T	Surf C18 TriF 100A 5µm 100 x50 mm
150500-5-SU-C18T	Surf C18 TriF 100A 5µm 150 x50 mm
250500-5-SU-C18T	Surf C18 TriF 100A 5µm 250 x 50 mm

# Surf Prep

## To Order

Reference	Designation
<b>Surf C18 TriF 100A 10µm</b>	
<b>Ø10mm</b>	
150100-10-SU-C18T	Surf C18 TriF 100A 10µm 150 x 10 mm
250100-10-SU-C18T	Surf C18 TriF 100A 10µm 250 x 10 mm
G10100-10-SUC18T	Guard HPLC columns Surf C18 TriF 100A 10µm 10 x 10mm 3/pk
HG-SURF-10	Holder for 10 x 10 mm Surf guard columns
<b>Ø21.2mm</b>	
50212-10-SU-C18T	Surf C18 TriF 100A 10µm 50 x 21,2 mm
100212-10-SU-C18T	Surf C18 TriF 100A 10µm 100 x 21,2 mm
150212-10-SU-C18T	Surf C18 TriF 100A 10µm 150 x 21,2 mm
250212-10-SU-C18T	Surf C18 TriF 100A 10µm 250 x 21,2 mm
G10212-10-SUC18T	Guard HPLC columns Surf C18 TriF 100A 10µm 10 x 21,2mm 3/pk
HG-SURF-21.2	Holder for 10 x 21,2 mm Surf guard columns
<b>Ø30mm</b>	
50300-10-SU-C18T	Surf C18 TriF 100A 10µm 50 x30 mm
100300-10-SU-C18T	Surf C18 TriF 100A 10µm 100 x30 mm
150300-10-SU-C18T	Surf C18 TriF 100A 10µm 150 x30 mm
250300-10-SU-C18T	Surf C18 TriF 100A 10µm 250 x 30 mm
G10300-10-SUC18T	Guard HPLC columns Surf C18 TriF 100A 10µm 10 x 30mm 3/pk
HG-SURF-30	Holder for 10 x 30 mm Surf guard columns
<b>Ø50mm</b>	
50500-10-SU-C18T	Surf C18 TriF 100A 10µm 50 x50 mm
100500-10-SU-C18T	Surf C18 TriF 100A 10µm 100 x50 mm
150500-10-SU-C18T	Surf C18 TriF 100A 10µm 150 x50 mm
250500-10-SU-C18T	Surf C18 TriF 100A 10µm 250 x 50 mm

# Surf Prep

## To Order

Reference	Designation
<b>Surf C18 Polar TriF 100A 5µm</b>	
<b>Ø10mm</b>	
150100-5-SU-C18PT	Surf C18 Polar TriF 100A 5µm 150 x 10 mm
250100-5-SU-C18PT	Surf C18 Polar TriF 100A 5µm 250 x 10 mm
G10100-5-SUC18PT	Guard HPLC columns Surf C18 Polar TriF 100A 5µm 10 x 10mm 3/pk
HG-SURF-10	Holder for 10 x 10 mm Surf guard columns
<b>Ø21.2mm</b>	
50212-5-SU-C18PT	Surf C18 Polar TriF 100A 5µm 50 x 21,2 mm
100212-5-SU-C18PT	Surf C18 Polar TriF 100A 5µm 100 x 21,2 mm
150212-5-SU-C18PT	Surf C18 Polar TriF 100A 5µm 150 x 21,2 mm
250212-5-SU-C18PT	Surf C18 Polar TriF 100A 5µm 250 x 21,2 mm
G10212-5-SUC18PT	Guard HPLC columns Surf C18 Polar TriF 100A 5µm 10 x 21,2mm 3/pk
HG-SURF-21.2	Holder for 10 x 21,2 mm Surf guard columns
<b>Ø30mm</b>	
50300-5-SU-C18PT	Surf C18 Polar TriF 100A 5µm 50 x30 mm
100300-5-SU-C18PT	Surf C18 Polar TriF 100A 5µm 100 x30 mm
150300-5-SU-C18PT	Surf C18 Polar TriF 100A 5µm 150 x30 mm
250300-5-SU-C18PT	Surf C18 Polar TriF 100A 5µm 250 x 30 mm
G10300-5-SUC18PT	Guard HPLC columns Surf C18 polar TriF 100A 5µm 10 x 30mm 3/pk
HG-SURF-30	Holder for 10 x 30 mm Surf guard columns
<b>Ø50mm</b>	
50500-5-SU-C18PT	Surf C18 Polar TriF 100A 5µm 50 x50 mm
100500-5-SU-C18PT	Surf C18 Polar TriF 100A 5µm 100 x50 mm
150500-5-SU-C18PT	Surf C18 Polar TriF 100A 5µm 150 x50 mm
250500-5-SU-C18PT	Surf C18 Polar TriF 100A 5µm 250 x 50 mm



# Surf Prep

## To Order

Reference	Designation
<b>Surf C18 Polar TriF 100A 10µm</b>	
<b>Ø10mm</b>	
150100-10-SU-C18PT	Surf C18 Polar TriF 100A 10µm 150 x 10 mm
250100-10-SU-C18PT	Surf C18 Polar TriF 100A 10µm 250 x 10 mm
G10100-10-SUC18PT	Guard HPLC columns Surf C18 Polar TriF 100A 10µm 10 x 10mm 3/pk
HG-SURF-10	Holder for 10 x 10 mm Surf guard columns
<b>Ø21.2mm</b>	
50212-10-SU-C18PT	Surf C18 Polar TriF 100A 10µm 50 x 21,2 mm
100212-10-SU-C18PT	Surf C18 Polar TriF 100A 10µm 100 x 21,2 mm
150212-10-SU-C18PT	Surf C18 Polar TriF 100A 10µm 150 x 21,2 mm
250212-10-SU-C18PT	Surf C18 Polar TriF 100A 10µm 250 x 21,2 mm
G10212-10-SUC18PT	Guard HPLC columns Surf C18 Polar TriF 100A 10µm 10 x 21,2mm 3/pk
HG-SURF-21.2	Holder for 10 x 21,2 mm Surf guard columns
<b>Ø30mm</b>	
50300-10-SU-C18PT	Surf C18 Polar TriF 100A 10µm 50 x30 mm
100300-10-SU-C18PT	Surf C18 Polar TriF 100A 10µm 100 x30 mm
150300-10-SU-C18PT	Surf C18 Polar TriF 100A 10µm 150 x30 mm
250300-10-SU-C18PT	Surf C18 Polar TriF 100A 10µm 250 x 30 mm
G10300-10-SUC18PT	Guard HPLC columns Surf C18 Polar TriF 100A 10µm 10 x 30mm 3/pk
HG-SURF-30	Holder for 10 x 30 mm Surf guard columns
<b>Ø50mm</b>	
50500-10-SU-C18PT	Surf C18 Polar TriF 100A 10µm 50 x50 mm
100500-10-SU-C18PT	Surf C18 Polar TriF 100A 10µm 100 x50 mm
150500-10-SU-C18PT	Surf C18 Polar TriF 100A 10µm 150 x50 mm
250500-10-SU-C18PT	Surf C18 Polar TriF 100A 10µm 250 x 50 mm

# Surf Prep

## To Order

Reference	Designation
<b>Surf C18 Extreme 100A 5µm</b>	
<b>Ø10mm</b>	
150100-5-SU-C18EX	Surf C18 Extreme 100A 5µm 150 x 10 mm
250100-5-SU-C18EX	Surf C18 Extreme 100A 5µm 250 x 10 mm
G10100-5-SUC18EX	Guard HPLC columns Surf C18 Extreme 100A 5µm 10 x 10mm 3/pk
HG-SURF-10	Holder for 10 x 10 mm Surf guard columns
<b>Ø21.2mm</b>	
50212-5-SU-C18EX	Surf C18 Extreme 100A 5µm 50 x 21,2 mm
100212-5-SU-C18EX	Surf C18 Extreme 100A 5µm 100 x 21,2 mm
150212-5-SU-C18EX	Surf C18 Extreme 100A 5µm 150 x 21,2 mm
250212-5-SU-C18EX	Surf C18 Extreme 100A 5µm 250 x 21,2 mm
G10212-5-SUC18EX	Guard HPLC columns Surf C18 Extreme 100A 5µm 10 x 21,2mm 3/pk
HG-SURF-21.2	Holder for 10 x 21,2 mm Surf guard columns
<b>Ø30mm</b>	
50300-5-SU-C18EX	Surf C18 Extreme 100A 5µm 50 x30 mm
100300-5-SU-C18EX	Surf C18 Extreme 100A 5µm 100 x30 mm
150300-5-SU-C18EX	Surf C18 Extreme 100A 5µm 150 x30 mm
250300-5-SU-C18EX	Surf C18 Extreme 100A 5µm 250 x 30 mm
G10300-5-SUC18EX	Guard HPLC columns Surf C18 Extreme 100A 5µm 10 x 30mm 3/pk
HG-SURF-30	Holder for 10 x 30 mm Surf guard columns
<b>Ø50mm</b>	
50500-5-SU-C18EX	Surf C18 Extreme 100A 5µm 50 x50 mm
100500-5-SU-C18EX	Surf C18 Extreme 100A 5µm 100 x50 mm
150500-5-SU-C18EX	Surf C18 Extreme 100A 5µm 150 x50 mm
250500-5-SU-C18EX	Surf C18 Extreme 100A 5µm 250 x 50 mm

# Surf Prep

## To Order

Reference	Designation
<b>Surf C18 Extreme 100A 10µm</b>	
<b>Ø10mm</b>	
150100-10-SU-C18EX	Surf C18 Extreme 100A 10µm 150 x 10 mm
250100-10-SU-C18EX	Surf C18 Extreme 100A 10µm 250 x 10 mm
G10100-10-SUC18EX	Guard HPLC columns Surf C18 Extreme 100A 10µm 10 x 10mm 3/pk
HG-SURF-10	Holder for 10 x 10 mm Surf guard columns
<b>Ø21.2mm</b>	
50212-10-SU-C18EX	Surf C18 Extreme 100A 10µm 50 x 21,2 mm
100212-10-SU-C18EX	Surf C18 Extreme 100A 10µm 100 x 21,2 mm
150212-10-SU-C18EX	Surf C18 Extreme 100A 10µm 150 x 21,2 mm
250212-10-SU-C18EX	Surf C18 Extreme 100A 10µm 250 x 21,2 mm
G10212-10-SUC18EX	Guard HPLC columns Surf C18 Extreme 100A 10µm 10 x 21,2mm 3/pk
HG-SURF-21.2	Holder for 10 x 21,2 mm Surf guard columns
<b>Ø30mm</b>	
50300-10-SU-C18EX	Surf C18 Extreme 100A 10µm 50 x30 mm
100300-10-SU-C18EX	Surf C18 Extreme 100A 10µm 100 x30 mm
150300-10-SU-C18EX	Surf C18 Extreme 100A 10µm 150 x30 mm
250300-10-SU-C18EX	Surf C18 Extreme 100A 10µm 250 x 30 mm
G10300-10-SUC18EX	Guard HPLC columns Surf C18 Extreme 100A 10µm 10 x 30mm 3/pk
HG-SURF-30	Holder for 10 x 30 mm Surf guard columns
<b>Ø50mm</b>	
50500-10-SU-C18EX	Surf C18 Extreme 100A 10µm 50 x50 mm
100500-10-SU-C18EX	Surf C18 Extreme 100A 10µm 100 x50 mm
150500-10-SU-C18EX	Surf C18 Extreme 100A 10µm 150 x50 mm
250500-10-SU-C18EX	Surf C18 Extreme 100A 10µm 250 x 50 mm

# Surf Prep

## To Order

Reference	Designation
<b>Surf C18 AQ 100A 5µm</b>	
<b>Ø10mm</b>	
150100-5-SU-C18AQ	Surf C18 AQ 100A 5µm 150 x 10 mm
250100-5-SU-C18AQ	Surf C18 AQ 100A 5µm 250 x 10 mm
G10100-5-SUC18AQ	Guard HPLC columns Surf C18 AQ 100A 5µm 10 x 10mm 3/pk
HG-SURF-10	Holder for 10 x 10 mm Surf guard columns
<b>Ø21.2mm</b>	
50212-5-SU-C18AQ	Surf C18 AQ 100A 5µm 50 x 21,2 mm
100212-5-SU-C18AQ	Surf C18 AQ 100A 5µm 100 x 21,2 mm
150212-5-SU-C18AQ	Surf C18 AQ 100A 5µm 150 x 21,2 mm
250212-5-SU-C18AQ	Surf C18 AQ 100A 5µm 250 x 21,2 mm
G10212-5-SUC18AQ	Guard HPLC columns Surf C18 AQ 100A 5µm 10 x 21,2mm 3/pk
HG-SURF-21.2	Holder for 10 x 21,2 mm Surf guard columns
<b>Ø30mm</b>	
50300-5-SU-C18AQ	Surf C18 AQ 100A 5µm 50 x30 mm
100300-5-SU-C18AQ	Surf C18 AQ 100A 5µm 100 x30 mm
150300-5-SU-C18AQ	Surf C18 AQ 100A 5µm 150 x30 mm
250300-5-SU-C18AQ	Surf C18 AQ 100A 5µm 250 x 30 mm
G10300-5-SUC18AQ	Guard HPLC columns Surf C18 AQ 100A 5µm 10 x 30mm 3/pk
HG-SURF-30	Holder for 10 x 30 mm Surf guard columns
<b>Ø50mm</b>	
50500-5-SU-C18AQ	Surf C18 AQ 100A 5µm 50 x50 mm
100500-5-SU-C18AQ	Surf C18 AQ 100A 5µm 100 x50 mm
150500-5-SU-C18AQ	Surf C18 AQ 100A 5µm 150 x50 mm
250500-5-SU-C18AQ	Surf C18 AQ 100A 5µm 250 x 50 mm

# Surf Prep

## To Order

Reference	Designation
<b>Surf C18 AQ 100A 10µm</b>	
<b>Ø10mm</b>	
150100-10-SU-C18AQ	Surf C18 AQ 100A 10µm 150 x 10 mm
250100-10-SU-C18AQ	Surf C18 AQ 100A 10µm 250 x 10 mm
G10100-10-SUC18AQ	Guard HPLC columns Surf C18 AQ 100A 10µm 10 x 10mm 3/pk
HG-SURF-10	Holder for 10 x 10 mm Surf guard columns
<b>Ø21.2mm</b>	
50212-10-SU-C18AQ	Surf C18 AQ 100A 10µm 50 x 21,2 mm
100212-10-SU-C18AQ	Surf C18 AQ 100A 10µm 100 x 21,2 mm
150212-10-SU-C18AQ	Surf C18 AQ 100A 10µm 150 x 21,2 mm
250212-10-SU-C18AQ	Surf C18 AQ 100A 10µm 250 x 21,2 mm
G10212-10-SUC18AQ	Guard HPLC columns Surf C18 AQ 100A 10µm 10 x 21,2mm 3/pk
HG-SURF-21.2	Holder for 10 x 21,2 mm Surf guard columns
<b>Ø30mm</b>	
50300-10-SU-C18AQ	Surf C18 AQ 100A 10µm 50 x30 mm
100300-10-SU-C18AQ	Surf C18 AQ 100A 10µm 100 x30 mm
150300-10-SU-C18AQ	Surf C18 AQ 100A 10µm 150 x30 mm
250300-10-SU-C18AQ	Surf C18 AQ 100A 10µm 250 x 30 mm
G10300-10-SUC18AQ	Guard HPLC columns Surf C18 AQ 100A 10µm 10 x 30mm 3/pk
HG-SURF-30	Holder for 10 x 30 mm Surf guard columns
<b>Ø50mm</b>	
50500-10-SU-C18AQ	Surf C18 AQ 100A 10µm 50 x50 mm
100500-10-SU-C18AQ	Surf C18 AQ 100A 10µm 100 x50 mm
150500-10-SU-C18AQ	Surf C18 AQ 100A 10µm 150 x50 mm
250500-10-SU-C18AQ	Surf C18 AQ 100A 10µm 250 x 50 mm

# Surf Prep

## Surf C8

### Surf C8 columns



High performance spherical natural silica, high purity, and low metal content for challenging applications.

The narrow distribution of particle size, combined with a specific surface and an optimal pore volume allows for robust particles with excellent retention characteristics.

- Excellent peak shape.
- Partition of acid, basic and neutral compounds in a single analysis.
- Excellent column lifetime.

#### Our range includes three distinct selectivities:

- Normal endcapping for our **Surf** range.
- No endcapping for our **Surf Polar** range, which is ideal for mixtures of complex polarity.
- High density endcapping for our **Surf Wax** range; deactivated for basic products to reduce peak tailings, offering a better loading capacity.

# Surf Prep

## To Order

Reference	Designation
<b>Surf C8 100A 5µm</b>	
<b>Ø10mm</b>	
150100-5-SU-C8	Surf C8 100A 5µm 150 x 10 mm
250100-5-SU-C8	Surf C8 100A 5µm 250 x 10 mm
G10100-5-SUC8	Guard HPLC columns Surf C8 100A 5µm 10 x 10mm 3/pk
HG-SURF-10	Holder for 10 x 10 mm Surf guard columns
<b>Ø21.2mm</b>	
50212-5-SU-C8	Surf C8 100A 5µm 50 x 21,2 mm
100212-5-SU-C8	Surf C8 100A 5µm 100 x 21,2 mm
150212-5-SU-C8	Surf C8 100A 5µm 150 x 21,2 mm
250212-5-SU-C8	Surf C8 100A 5µm 250 x 21,2 mm
G10212-5-SUC8	Guard HPLC columns Surf C8 100A 5µm 10 x 21,2mm 3/pk
HG-SURF-21.2	Holder for 10 x 21,2 mm Surf guard columns
<b>Ø30mm</b>	
50300-5-SU-C8	Surf C8 100A 5µm 50 x 30 mm
100300-5-SU-C8	Surf C8 100A 5µm 100 x 30 mm
150300-5-SU-C8	Surf C8 100A 5µm 150 x 30 mm
250300-5-SU-C8	Surf C8 100A 5µm 250 x 30 mm
G10300-5-SUC8	Guard HPLC columns Surf C8 100A 5µm 10 x 30mm 3/pk
HG-SURF-30	Holder for 10 x 30 mm Surf guard columns
<b>Ø50mm</b>	
50500-5-SU-C8	Surf C8 100A 5µm 50 x 50 mm
100500-5-SU-C8	Surf C8 100A 5µm 100 x 50 mm
150500-5-SU-C8	Surf C8 100A 5µm 150 x 50 mm
250500-5-SU-C8	Surf C8 100A 5µm 250 x 50 mm

# Surf Prep

## To Order

Reference	Designation
<b>Surf C8 100A 10µm</b>	
<b>Ø10mm</b>	
150100-10-SU-C8	Surf C8 100A 10µm 150 x 10 mm
250100-10-SU-C8	Surf C8 100A 10µm 250 x 10 mm
G10100-10-SUC8	Guard HPLC columns Surf C8 100A 10µm 10 x 10 mm 3/pk
HG-SURF-10	Holder for 10 x 10 mm Surf guard columns
<b>Ø21.2mm</b>	
50212-10-SU-C8	Surf C8 100A 10µm 50 x 21,2 mm
100212-10-SU-C8	Surf C8 100A 10µm 100 x 21,2 mm
150212-10-SU-C8	Surf C8 100A 10µm 150 x 21,2 mm
250212-10-SU-C8	Surf C8 100A 10µm 250 x 21,2 mm
G10212-10-SUC8	Guard HPLC columns Surf C8 100A 10µm 10 x 21,2mm 3/pk
HG-SURF-21.2	Holder for 10 x 21,2 mm Surf guard columns
<b>Ø30mm</b>	
50300-10-SU-C8	Surf C8 100A 10µm 50 x 30 mm
100300-10-SU-C8	Surf C8 100A 10µm 100 x 30 mm
150300-10-SU-C8	Surf C8 100A 10µm 150 x 30 mm
250300-10-SU-C8	Surf C8 100A 10µm 250 x 30 mm
G10300-10-SUC8	Guard HPLC columns Surf C8 100A 10µm 10 x 30mm 3/pk
HG-SURF-30	Holder for 10 x 30 mm Surf guard columns
<b>Ø50mm</b>	
50500-10-SU-C8	Surf C8 100A 10µm 50 x 50 mm
100500-10-SU-C8	Surf C8 100A 10µm 100 x 50 mm
150500-10-SU-C8	Surf C8 100A 10µm 150 x 50 mm
250500-10-SU-C8	Surf C8 100A 10µm 250 x 50 mm

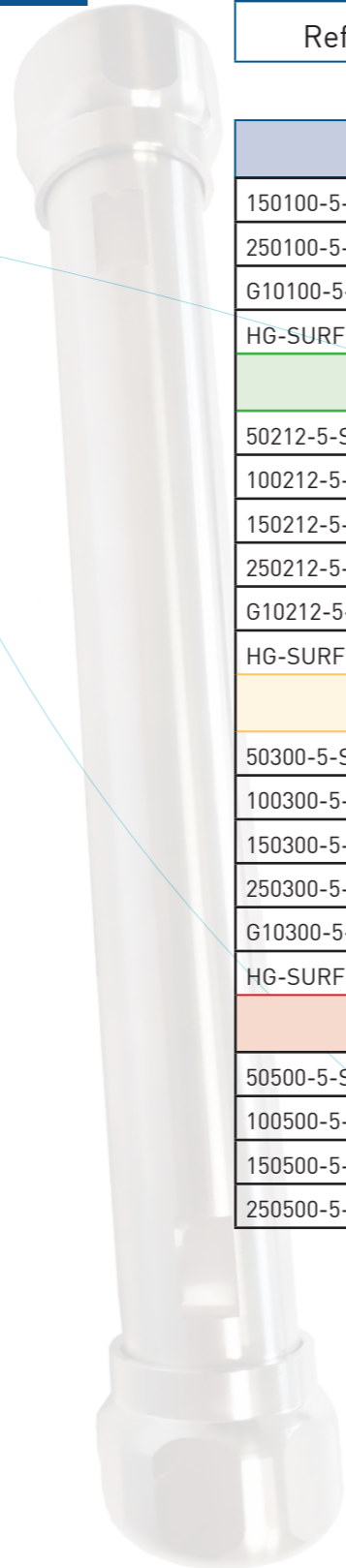
# Surf Prep

## Notes

# Surf Prep

## To Order

Reference	Designation
<b>Surf C8 Polar 100A 5µm</b>	
<b>Ø10mm</b>	
150100-5-SU-C8P	Surf C8 Polar 100A 5µm 150 x 10 mm
250100-5-SU-C8P	Surf C8 Polar 100A 5µm 250 x 10 mm
G10100-5-SUC8P	Guard HPLC columns Surf C8 Polar 100A 5µm 10 x 10mm 3/pk
HG-SURF-10	Holder for 10 x 10 mm Surf guard columns
<b>Ø21.2mm</b>	
50212-5-SU-C8P	Surf C8 Polar 100A 5µm 50 x 21,2 mm
100212-5-SU-C8P	Surf C8 Polar 100A 5µm 100 x 21,2 mm
150212-5-SU-C8P	Surf C8 Polar 100A 5µm 150 x 21,2 mm
250212-5-SU-C8P	Surf C8 Polar 100A 5µm 250 x 21,2 mm
G10212-5-SUC8P	Guard HPLC columns Surf C8 Polar 100A 5µm 10 x 21,2mm 3/pk
HG-SURF-21.2	Holder for 10 x 21,2 mm Surf guard columns
<b>Ø30mm</b>	
50300-5-SU-C8P	Surf C8 Polar 100A 5µm 50 x30 mm
100300-5-SU-C8P	Surf C8 Polar 100A 5µm 100 x30 mm
150300-5-SU-C8P	Surf C8 Polar 100A 5µm 150 x30 mm
250300-5-SU-C8P	Surf C8 Polar 100A 5µm 250 x 30 mm
G10300-5-SUC8P	Guard HPLC columns Surf C8 Polar 100A 5µm 10 x 30mm 3/pk
HG-SURF-30	Holder for 10 x 30 mm Surf guard columns
<b>Ø50mm</b>	
50500-5-SU-C8P	Surf C8 Polar 100A 5µm 50 x50 mm
100500-5-SU-C8P	Surf C8 Polar 100A 5µm 100 x50 mm
150500-5-SU-C8P	Surf C8 Polar 100A 5µm 150 x50 mm
250500-5-SU-C8P	Surf C8 Polar 100A 5µm 250 x 50 mm





# Surf Prep

## To Order

Reference	Designation
<b>Surf C8 Polar 100A 10µm</b>	
<b>Ø10mm</b>	
150100-10-SU-C8P	Surf C8 Polar 100A 10µm 150 x 10 mm
250100-10-SU-C8P	Surf C8 Polar 100A 10µm 250 x 10 mm
G10100-10-SUC8P	Guard HPLC columns Surf C8 Polar 100A 10µm 10 x 10 mm 3/pk
HG-SURF-10	Holder for 10 x 10 mm Surf guard columns
<b>Ø21.2mm</b>	
50212-10-SU-C8P	Surf C8 Polar 100A 10µm 50 x 21,2 mm
100212-10-SU-C8P	Surf C8 Polar 100A 10µm 100 x 21,2 mm
150212-10-SU-C8P	Surf C8 Polar 100A 10µm 150 x 21,2 mm
250212-10-SU-C8P	Surf C8 Polar 100A 10µm 250 x 21,2 mm
G10212-10-SUC8P	Guard HPLC columns Surf C8 Polar 100A 10µm 10 x 21,2mm 3/pk
HG-SURF-21.2	Holder for 10 x 21,2 mm Surf guard columns
<b>Ø30mm</b>	
50300-10-SU-C8P	Surf C8 Polar 100A 10µm 50 x30 mm
100300-10-SU-C8P	Surf C8 Polar 100A 10µm 100 x30 mm
150300-10-SU-C8P	Surf C8 Polar 100A 10µm 150 x30 mm
250300-10-SU-C8P	Surf C8 Polar 100A 10µm 250 x 30 mm
G10300-10-SUC8P	Guard HPLC columns Surf C8 Polar 100A 10µm 10 x 30mm 3/pk
HG-SURF-30	Holder for 10 x 30 mm Surf guard columns
<b>Ø50mm</b>	
50500-10-SU-C8P	Surf C8 Polar 100A 10µm 50 x50 mm
100500-10-SU-C8P	Surf C8 Polar 100A 10µm 100 x50 mm
150500-10-SU-C8P	Surf C8 Polar 100A 10µm 150 x50 mm
250500-10-SU-C8P	Surf C8 Polar 100A 10µm 250 x 50 mm

# Surf Prep

## To Order

Reference	Designation
<b>Surf C8 Wax 100A 5µm</b>	
<b>Ø10mm</b>	
150100-5-SU-C8W	Surf C8 WAX 100A 5µm 150 x 10 mm
250100-5-SU-C8W	Surf C8 WAX 100A 5µm 250 x 10 mm
G10100-5-SUC8W	Guard HPLC columns Surf C8 WAX 100A 5µm 10 x 10mm 3/pk
HG-SURF-10	Holder for 10 x 10 mm Surf guard columns
<b>Ø21.2mm</b>	
50212-5-SU-C8W	Surf C8 WAX 100A 5µm 50 x 21,2 mm
100212-5-SU-C8W	Surf C8 WAX 100A 5µm 100 x 21,2 mm
150212-5-SU-C8W	Surf C8 WAX 100A 5µm 150 x 21,2 mm
250212-5-SU-C8W	Surf C8 WAX 100A 5µm 250 x 21,2 mm
G10212-5-SUC8W	Guard HPLC columns Surf C8 WAX 100A 5µm 10 x 21,2mm 3/pk
HG-SURF-21.2	Holder for 10 x 21,2 mm Surf guard columns
<b>Ø30mm</b>	
50300-5-SU-C8W	Surf C8 WAX 100A 5µm 50 x30 mm
100300-5-SU-C8W	Surf C8 WAX 100A 5µm 100 x30 mm
150300-5-SU-C8W	Surf C8 WAX 100A 5µm 150 x30 mm
250300-5-SU-C8W	Surf C8 WAX 100A 5µm 250 x 30 mm
G10300-5-SUC8W	Guard HPLC columns Surf C8 WAX 100A 5µm 10 x 30mm 3/pk
HG-SURF-30	Holder for 10 x 30 mm Surf guard columns
<b>Ø50mm</b>	
50500-5-SU-C8W	Surf C8 WAX 100A 5µm 50 x50 mm
100500-5-SU-C8W	Surf C8 WAX 100A 5µm 100 x50 mm
150500-5-SU-C8W	Surf C8 WAX 100A 5µm 150 x50 mm
250500-5-SU-C8W	Surf C8 WAX 100A 5µm 250 x 50 mm

# Surf Prep

## To Order

Reference	Designation
<b>Surf C8 Wax 100A 10µm</b>	
<b>Ø10mm</b>	
150100-10-SU-C8W	Surf C8 WAX 100A 10µm 150 x 10 mm
250100-10-SU-C8W	Surf C8 WAX 100A 10µm 250 x 10 mm
G10100-10-SUC8W	Guard HPLC columns Surf C8 WAX 100A 10µm 10 x 10 mm 3/pk
HG-SURF-10	Holder for 10 x 10 mm Surf guard columns
<b>Ø21.2mm</b>	
50212-10-SU-C8W	Surf C8 WAX 100A 10µm 50 x 21,2 mm
100212-10-SU-C8W	Surf C8 WAX 100A 10µm 100 x 21,2 mm
150212-10-SU-C8W	Surf C8 WAX 100A 10µm 150 x 21,2 mm
250212-10-SU-C8W	Surf C8 WAX 100A 10µm 250 x 21,2 mm
G10212-10-SUC8W	Guard HPLC columns Surf C8 WAX 100A 10µm 10 x 21,2mm 3/pk
HG-SURF-21.2	Holder for 10 x 21,2 mm Surf guard columns
<b>Ø30mm</b>	
50300-10-SU-C8W	Surf C8 WAX 100A 10µm 50 x30 mm
100300-10-SU-C8W	Surf C8 WAX 100A 10µm 100 x30 mm
150300-10-SU-C8W	Surf C8 WAX 100A 10µm 150 x30 mm
250300-10-SU-C8W	Surf C8 WAX 100A 10µm 250 x 30 mm
G10300-10-SUC8W	Guard HPLC columns Surf C8 WAX 100A 10µm 10 x 30mm 3/pk
HG-SURF-30	Holder for 10 x 30 mm Surf guard columns
<b>Ø50mm</b>	
50500-10-SU-C8W	Surf C8 WAX 100A 10µm 50 x50 mm
100500-10-SU-C8W	Surf C8 WAX 100A 10µm 100 x50 mm
150500-10-SU-C8W	Surf C8 WAX 100A 10µm 150 x50 mm
250500-10-SU-C8W	Surf C8 WAX 100A 10µm 250 x 50 mm

# Surf Prep

## To Order

Reference	Designation
<b>Surf C8 TriF 100A 5µm</b>	
<b>Ø10mm</b>	
150100-5-SU-C8T	Surf C8 TriF 100A 5µm 150 x 10 mm
250100-5-SU-C8T	Surf C8 TriF 100A 5µm 250 x 10 mm
G10100-5-SUC8T	Guard HPLC columns Surf C8 TriF 100A 5µm 10 x 10mm 3/pk
HG-SURF-10	Holder for 10 x 10 mm Surf guard columns
<b>Ø21.2mm</b>	
50212-5-SU-C8T	Surf C8 TriF 100A 5µm 50 x 21,2 mm
100212-5-SU-C8T	Surf C8 TriF 100A 5µm 100 x 21,2 mm
150212-5-SU-C8T	Surf C8 TriF 100A 5µm 150 x 21,2 mm
250212-5-SU-C8T	Surf C8 TriF 100A 5µm 250 x 21,2 mm
G10212-5-SUC8T	Guard HPLC columns Surf C8 TriF 100A 5µm 10 x 21,2mm 3/pk
HG-SURF-21.2	Holder for 10 x 21,2 mm Surf guard columns
<b>Ø30mm</b>	
50300-5-SU-C8T	Surf C8 TriF 100A 5µm 50 x30 mm
100300-5-SU-C8T	Surf C8 TriF 100A 5µm 100 x30 mm
150300-5-SU-C8T	Surf C8 TriF 100A 5µm 150 x30 mm
250300-5-SU-C8T	Surf C8 TriF 100A 5µm 250 x 30 mm
G10300-5-SUC8T	Guard HPLC columns Surf C8 TriF, 100A 5µm 10 x 30mm 3/pk
HG-SURF-30	Holder for 10 x 30 mm Surf guard columns
<b>Ø50mm</b>	
50500-5-SU-C8T	Surf C8 TriF 100A 5µm 50 x50 mm
100500-5-SU-C8T	Surf C8 TriF 100A 5µm 100 x50 mm
150500-5-SU-C8T	Surf C8 TriF 100A 5µm 150 x50 mm
250500-5-SU-C8T	Surf C8 TriF 100A 5µm 250 x 50 mm

# Surf Prep

## To Order

Reference	Designation
<b>Surf C8 TriF 100A 10µm</b>	
<b>Ø10mm</b>	
150100-10-SU-C8T	Surf C8 TriF 100A 10µm 150 x 10 mm
250100-10-SU-C8T	Surf C8 TriF 100A 10µm 250 x 10 mm
G10100-10-SUC8T	Guard HPLC columns Surf C8 TriF 100A 10µm 10 x 10 mm 3/pk
HG-SURF-10	Holder for 10 x 10 mm Surf guard columns
<b>Ø21.2mm</b>	
50212-10-SU-C8T	Surf C8 TriF 100A 10µm 50 x 21,2 mm
100212-10-SU-C8T	Surf C8 TriF 100A 10µm 100 x 21,2 mm
150212-10-SU-C8T	Surf C8 TriF 100A 10µm 150 x 21,2 mm
250212-10-SU-C8T	Surf C8 TriF 100A 10µm 250 x 21,2 mm
G10212-10-SUC8T	Guard HPLC columns Surf C8 TriF 100A 10µm 10 x 21,2mm 3/pk
HG-SURF-21.2	Holder for 10 x 21,2 mm Surf guard columns
<b>Ø30mm</b>	
50300-10-SU-C8T	Surf C8 TriF 100A 10µm 50 x30 mm
100300-10-SU-C8T	Surf C8 TriF 100A 10µm 100 x30 mm
150300-10-SU-C8T	Surf C8 TriF 100A 10µm 150 x30 mm
250300-10-SU-C8T	Surf C8 TriF 100A 10µm 250 x 30 mm
G10300-10-SUC8T	Guard HPLC columns Surf C8 TriF 100A 10µm 10 x 30mm 3/pk
HG-SURF-30	Holder for 10 x 30 mm Surf guard columns
<b>Ø50mm</b>	
50500-10-SU-C8T	Surf C8 TriF 100A 10µm 50 x50 mm
100500-10-SU-C8T	Surf C8 TriF 100A 10µm 100 x50 mm
150500-10-SU-C8T	Surf C8 TriF 100A 10µm 150 x50 mm
250500-10-SU-C8T	Surf C8 TriF 100A 10µm 250 x 50 mm

# Surf Prep

## To Order

Reference	Designation
<b>Surf C8 Polar TriF 100A 5µm</b>	
<b>Ø10mm</b>	
150100-5-SU-C8PT	Surf C8 Polar TriF 100A 5µm 150 x 10 mm
250100-5-SU-C8PT	Surf C8 Polar TriF 100A 5µm 250 x 10 mm
G10100-5-SUC8PT	Guard HPLC columns Surf C8 Polar TriF 100A 5µm 10 x 10mm 3/pk
HG-SURF-10	Holder for 10 x 10 mm Surf guard columns
<b>Ø21.2mm</b>	
50212-5-SU-C8PT	Surf C8 Polar TriF 100A 5µm 50 x 21,2 mm
100212-5-SU-C8PT	Surf C8 Polar TriF 100A 5µm 100 x 21,2 mm
150212-5-SU-C8PT	Surf C8 Polar TriF 100A 5µm 150 x 21,2 mm
250212-5-SU-C8PT	Surf C8 Polar TriF 100A 5µm 250 x 21,2 mm
G10212-5-SUC8PT	Guard HPLC columns Surf C8 Polar TriF 100A 5µm 10 x 21,2mm 3/pk
HG-SURF-21.2	Holder for 10 x 21,2 mm Surf guard columns
<b>Ø30mm</b>	
50300-5-SU-C8PT	Surf C8 Polar TriF 100A 5µm 50 x30 mm
100300-5-SU-C8PT	Surf C8 Polar TriF 100A 5µm 100 x30 mm
150300-5-SU-C8PT	Surf C8 Polar TriF 100A 5µm 150 x30 mm
250300-5-SU-C8PT	Surf C8 Polar TriF 100A 5µm 250 x 30 mm
G10300-5-SUC8PT	Guard HPLC columns Surf C8 Polar TriF 100A 5µm 10 x 30mm 3/pk
HG-SURF-30	Holder for 10 x 30 mm Surf guard columns
<b>Ø50mm</b>	
50500-5-SU-C8PT	Surf C8 Polar TriF 100A 5µm 50 x50 mm
100500-5-SU-C8PT	Surf C8 Polar TriF 100A 5µm 100 x50 mm
150500-5-SU-C8PT	Surf C8 Polar TriF 100A 5µm 150 x50 mm
250500-5-SU-C8PT	Surf C8 Polar TriF 100A 5µm 250 x 50 mm

# Surf Prep

## To Order

Reference	Designation
<b>Surf C8 Polar TriF 100A 10µm</b>	
<b>Ø10mm</b>	
150100-10-SU-C8PT	Surf C8 Polar TriF 100A 10µm 150 x 10 mm
250100-10-SU-C8PT	Surf C8 Polar TriF 100A 10µm 250 x 10 mm
G10100-10-SUC8PT	Guard HPLC columns Surf C8 Polar TriF 100A 10µm 10 x 10 mm 3/pk
HG-SURF-10	Holder for 10 x 10 mm Surf guard columns
<b>Ø21.2mm</b>	
50212-10-SU-C8PT	Surf C8 Polar TriF 100A 10µm 50 x 21,2 mm
100212-10-SU-C8PT	Surf C8 Polar TriF 100A 10µm 100 x 21,2 mm
150212-10-SU-C8PT	Surf C8 Polar TriF 100A 10µm 150 x 21,2 mm
250212-10-SU-C8PT	Surf C8 Polar TriF 100A 10µm 250 x 21,2 mm
G10212-10-SUC8PT	Guard HPLC columns Surf C8 Polar TriF 100A 10µm 10 x 21,2mm 3/pk
HG-SURF-21.2	Holder for 10 x 21,2 mm Surf guard columns
<b>Ø30mm</b>	
50300-10-SU-C8PT	Surf C8 Polar TriF 100A 10µm 50 x30 mm
100300-10-SU-C8PT	Surf C8 Polar TriF 100A 10µm 100 x30 mm
150300-10-SU-C8PT	Surf C8 Polar TriF 100A 10µm 150 x30 mm
250300-10-SU-C8PT	Surf C8 Polar TriF 100A 10µm 250 x 30 mm
G10300-10-SUC8PT	Guard HPLC columns Surf C8 Polar TriF 100A 10µm 10 x 30mm 3/pk
HG-SURF-30	Holder for 10 x 30 mm Surf guard columns
<b>Ø50mm</b>	
50500-10-SU-C8PT	Surf C8 Polar TriF 100A 10µm 50 x50 mm
100500-10-SU-C8PT	Surf C8 Polar TriF 100A 10µm 100 x50 mm
150500-10-SU-C8PT	Surf C8 Polar TriF 100A 10µm 150 x50 mm
250500-10-SU-C8PT	Surf C8 Polar TriF 100A 10µm 250 x 50 mm

# Surf Prep

## To Order

Reference	Designation
<b>Surf C8 Extreme 100A 5µm</b>	
<b>Ø10mm</b>	
150100-5-SU-C8EX	Surf C8 Extreme 100A 5µm 150 x 10 mm
250100-5-SU-C8EX	Surf C8 Extreme 100A 5µm 250 x 10 mm
G10100-5-SUC8EX	Guard HPLC columns Surf C8 EXTreme 100A 5µm 10 x 10mm 3/pk
HG-SURF-10	Holder for 10 x 10 mm Surf guard columns
<b>Ø21.2mm</b>	
50212-5-SU-C8EX	Surf C8 Extreme 100A 5µm 50 x 21,2 mm
100212-5-SU-C8EX	Surf C8 Extreme 100A 5µm 100 x 21,2 mm
150212-5-SU-C8EX	Surf C8 Extreme 100A 5µm 150 x 21,2 mm
250212-5-SU-C8EX	Surf C8 Extreme 100A 5µm 250 x 21,2 mm
G10212-5-SUC8EX	Guard HPLC columns Surf C8 Extreme 100A 5µm 10 x 21,2mm 3/pk
HG-SURF-21.2	Holder for 10 x 21,2 mm Surf guard columns
<b>Ø30mm</b>	
50300-5-SU-C8EX	Surf C8 Extreme 100A 5µm 50 x30 mm
100300-5-SU-C8EX	Surf C8 Extreme 100A 5µm 100 x30 mm
150300-5-SU-C8EX	Surf C8 Extreme 100A 5µm 150 x30 mm
250300-5-SU-C8EX	Surf C8 Extreme 100A 5µm 250 x 30 mm
G10300-5-SUC8EX	Guard HPLC columns Surf C8 Extreme 100A 5µm 10 x 30mm 3/pk
HG-SURF-30	Holder for 10 x 30 mm Surf guard columns
<b>Ø50mm</b>	
50500-5-SU-C8EX	Surf C8 Extreme 100A 5µm 50 x50 mm
100500-5-SU-C8EX	Surf C8 Extreme 100A 5µm 100 x50 mm
150500-5-SU-C8EX	Surf C8 Extreme 100A 5µm 150 x50 mm
250500-5-SU-C8EX	Surf C8 Extreme 100A 5µm 250 x 50 mm

# Surf Prep

## To Order

Reference	Designation
<b>Surf C8 Extreme 100A 10µm</b>	
<b>Ø10mm</b>	
150100-10-SU-C8EX	Surf C8 Extreme 100A 10µm 150 x 10 mm
250100-10-SU-C8EX	Surf C8 Extreme 100A 10µm 250 x 10 mm
G10100-10-SUC8EX	Guard HPLC columns Surf C8 Extreme 100A 10µm 10 x 10 mm 3/pk
HG-SURF-10	Holder for 10 x 10 mm Surf guard columns
<b>Ø21.2mm</b>	
50212-10-SU-C8EX	Surf C8 Extreme 100A 10µm 50 x 21,2 mm
100212-10-SU-C8EX	Surf C8 Extreme 100A 10µm 100 x 21,2 mm
150212-10-SU-C8EX	Surf C8 Extreme 100A 10µm 150 x 21,2 mm
250212-10-SU-C8EX	Surf C8 Extreme 100A 10µm 250 x 21,2 mm
G10212-10-SUC8EX	Guard HPLC columns Surf C8 Extreme 100A 10µm 10 x 21,2mm 3/pk
HG-SURF-21.2	Holder for 10 x 21,2 mm Surf guard columns
<b>Ø30mm</b>	
50300-10-SU-C8EX	Surf C8 Extreme 100A 10µm 50 x30 mm
100300-10-SU-C8EX	Surf C8 Extreme 100A 10µm 100 x30 mm
150300-10-SU-C8EX	Surf C8 Extreme 100A 10µm 150 x30 mm
250300-10-SU-C8EX	Surf C8 Extreme 100A 10µm 250 x 30 mm
G10300-10-SUC8EX	Guard HPLC columns Surf C8 Extreme 100A 10µm 10 x 30mm 3/pk
HG-SURF-30	Holder for 10 x 30 mm Surf guard columns
<b>Ø50mm</b>	
50500-10-SU-C8EX	Surf C8 Extreme 100A 10µm 50 x50 mm
100500-10-SU-C8EX	Surf C8 Extreme 100A 10µm 100 x50 mm
150500-10-SU-C8EX	Surf C8 Extreme 100A 10µm 150 x50 mm
250500-10-SU-C8EX	Surf C8 Extreme 100A 10µm 250 x 50 mm

# Surf Prep

## To Order

Reference	Designation
<b>Surf C8 AQ 100A 5µm</b>	
<b>Ø10mm</b>	
150100-5-SU-C8AQ	Surf C8 AQ 100A 5µm 150 x 10 mm
250100-5-SU-C8AQ	Surf C8 AQ 100A 5µm 250 x 10 mm
G10100-5-SUC8AQ	Guard HPLC columns Surf C8 AQ 100A 5µm 10 x 10mm 3/pk
HG-SURF-10	Holder for 10 x 10 mm Surf guard columns
<b>Ø21.2mm</b>	
50212-5-SU-C8AQ	Surf C8 AQ 100A 5µm 50 x 21,2 mm
100212-5-SU-C8AQ	Surf C8 AQ 100A 5µm 100 x 21,2 mm
150212-5-SU-C8AQ	Surf C8 AQ 100A 5µm 150 x 21,2 mm
250212-5-SU-C8AQ	Surf C8 AQ 100A 5µm 250 x 21,2 mm
G10212-5-SUC8AQ	Guard HPLC columns Surf C8 AQ 100A 5µm 10 x 21,2mm 3/pk
HG-SURF-21.2	Holder for 10 x 21,2 mm Surf guard columns
<b>Ø30mm</b>	
50300-5-SU-C8AQ	Surf C8 AQ 100A 5µm 50 x30 mm
100300-5-SU-C8AQ	Surf C8 AQ 100A 5µm 100 x30 mm
150300-5-SU-C8AQ	Surf C8 AQ 100A 5µm 150 x30 mm
250300-5-SU-C8AQ	Surf C8 AQ 100A 5µm 250 x 30 mm
G10300-5-SUC8AQ	Guard HPLC columns Surf C8 AQ 100A 5µm 10 x 30mm 3/pk
HG-SURF-30	Holder for 10 x 30 mm Surf guard columns
<b>Ø50mm</b>	
50500-5-SU-C8AQ	Surf C8 AQ 100A 5µm 50 x50 mm
100500-5-SU-C8AQ	Surf C8 AQ 100A 5µm 100 x50 mm
150500-5-SU-C8AQ	Surf C8 AQ 100A 5µm 150 x50 mm
250500-5-SU-C8AQ	Surf C8 AQ 100A 5µm 250 x 50 mm



# Surf Prep

## To Order

Reference	Designation
<b>Surf C8 AQ 100A 10µm</b>	
<b>Ø10mm</b>	
150100-10-SU-C8AQ	Surf C8 AQ 100A 10µm 150 x 10 mm
250100-10-SU-C8AQ	Surf C8 AQ 100A 10µm 250 x 10 mm
G10100-10-SUC8AQ	Guard HPLC columns Surf C8 AQ 100A 10µm 10 x 10 mm 3/pk
HG-SURF-10	Holder for 10 x 10 mm Surf guard columns
<b>Ø21.2mm</b>	
50212-10-SU-C8AQ	Surf C8 AQ 100A 10µm 50 x 21,2 mm
100212-10-SU-C8AQ	Surf C8 AQ 100A 10µm 100 x 21,2 mm
150212-10-SU-C8AQ	Surf C8 AQ 100A 10µm 150 x 21,2 mm
250212-10-SU-C8AQ	Surf C8 AQ 100A 10µm 250 x 21,2 mm
G10212-10-SUC8AQ	Guard HPLC columns Surf C8 AQ 100A 10µm 10 x 21,2mm 3/pk
HG-SURF-21.2	Holder for 10 x 21,2 mm Surf guard columns
<b>Ø30mm</b>	
50300-10-SU-C8AQ	Surf C8 AQ 100A 10µm 50 x30 mm
100300-10-SU-C8AQ	Surf C8 AQ 100A 10µm 100 x30 mm
150300-10-SU-C8AQ	Surf C8 AQ 100A 10µm 150 x30 mm
250300-10-SU-C8AQ	Surf C8 AQ 100A 10µm 250 x 30 mm
G10300-10-SUC8AQ	Guard HPLC columns Surf C8 AQ 100A 10µm 10 x 30mm 3/pk
HG-SURF-30	Holder for 10 x 30 mm Surf guard columns
<b>Ø50mm</b>	
50500-10-SU-C8AQ	Surf C8 AQ 100A 10µm 50 x50 mm
100500-10-SU-C8AQ	Surf C8 AQ 100A 10µm 100 x50 mm
150500-10-SU-C8AQ	Surf C8 AQ 100A 10µm 150 x50 mm
250500-10-SU-C8AQ	Surf C8 AQ 100A 10µm 250 x 50 mm

# Surf Prep

## Surf C4

### Surf C4 columns



Our C4 Surf Columns provide you with a similar selectivity to that of C18 and C8 columns, but with lesser retention. This difference of retention is observable for hydrophobic molecules yet it does not affect polar molecules.

Because of their shorter chain and less hydrophobic characteristics, C4 columns are best for retaining and separating the numerous biological molecules, such as hydrophobic proteins, biopolymers, and polypeptides.

C4 Surf columns are available in 3µm and 5µm, and different column sizes.

# Surf Prep

## To Order

Reference	Designation
<b>Surf C4 100A 5µm</b>	
<b>Ø10mm</b>	
150100-5-SU-C4	Surf C4 100A 5µm 150 x 10 mm
250100-5-SU-C4	Surf C4 100A 5µm 250 x 10 mm
G10100-5-SUC4	Guard HPLC columns Surf C4 100A 5µm 10 x 10mm 3/pk
HG-SURF-10	Holder for 10 x 10 mm Surf guard columns
<b>Ø21.2mm</b>	
50212-5-SU-C4	Surf C4 100A 5µm 50 x 21,2 mm
100212-5-SU-C4	Surf C4 100A 5µm 100 x 21,2 mm
150212-5-SU-C4	Surf C4 100A 5µm 150 x 21,2 mm
250212-5-SU-C4	Surf C4 100A 5µm 250 x 21,2 mm
G10212-5-SUC4	Guard HPLC columns Surf C4 100A 5µm 10 x 21,2mm 3/pk
HG-SURF-21.2	Holder for 10 x 21,2 mm Surf guard columns
<b>Ø30mm</b>	
50300-5-SU-C4	Surf C4 100A 5µm 50 x 30 mm
100300-5-SU-C4	Surf C4 100A 5µm 100 x 30 mm
150300-5-SU-C4	Surf C4 100A 5µm 150 x 30 mm
250300-5-SU-C4	Surf C4 100A 5µm 250 x 30 mm
G10300-5-SUC4	Guard HPLC columns Surf C4 100A 5µm 10 x 30mm 3/pk
HG-SURF-30	Holder for 10 x 30 mm Surf guard columns
<b>Ø50mm</b>	
50500-5-SU-C4	Surf C4 100A 5µm 50 x 50 mm
100500-5-SU-C4	Surf C4 100A 5µm 100 x 50 mm
150500-5-SU-C4	Surf C4 100A 5µm 150 x 50 mm
250500-5-SU-C4	Surf C4 100A 5µm 250 x 50 mm

# Surf Prep

## To Order

Reference	Designation
<b>Surf C4 100A 10µm</b>	
<b>Ø10mm</b>	
150100-10-SU-C4	Surf C4 100A 10µm 150 x 10 mm
250100-10-SU-C4	Surf C4 100A 10µm 250 x 10 mm
G10100-10-SUC4	Guard HPLC columns Surf C4 100A 10µm 10 x 10 mm 3/pk
HG-SURF-10	Holder for 10 x 10 mm Surf guard columns
<b>Ø21.2mm</b>	
50212-10-SU-C4	Surf C4 100A 10µm 50 x 21,2 mm
100212-10-SU-C4	Surf C4 100A 10µm 100 x 21,2 mm
150212-10-SU-C4	Surf C4 100A 10µm 150 x 21,2 mm
250212-10-SU-C4	Surf C4 100A 10µm 250 x 21,2 mm
G10212-10-SUC4	Guard HPLC columns Surf C4 100A 10µm 10 x 21,2mm 3/pk
HG-SURF-21.2	Holder for 10 x 21,2 mm Surf guard columns
<b>Ø30mm</b>	
50300-10-SU-C4	Surf C4 100A 10µm 50 x 30 mm
100300-10-SU-C4	Surf C4 100A 10µm 100 x 30 mm
150300-10-SU-C4	Surf C4 100A 10µm 150 x 30 mm
250300-10-SU-C4	Surf C4 100A 10µm 250 x 30 mm
G10300-10-SUC4	Guard HPLC columns Surf C4 100A 10µm 10 x 30mm 3/pk
HG-SURF-30	Holder for 10 x 30 mm Surf guard columns
<b>Ø50mm</b>	
50500-10-SU-C4	Surf C4 100A 10µm 50 x 50 mm
100500-10-SU-C4	Surf C4 100A 10µm 100 x 50 mm
150500-10-SU-C4	Surf C4 100A 10µm 150 x 50 mm
250500-10-SU-C4	Surf C4 100A 10µm 250 x 50 mm

### Phenyl and Phenyl Hexyl Surf columns



We offer two ranges of Phenyl columns: Surf Phenyl and Surf Phenyl Hexyl.

Our Phenyl and Phenyl Hexyl columns represent an alternative to the retention and selectivity of C18 columns.

Well balanced hydrophobic interactions and unique  $\pi$ - $\pi$  interactions make these columns ideal for analytes of aromatic cycles or compounds with long conjugated systems.

Phenyl and Phenyl Hexyl columns are available in 3 $\mu$ m and 5 $\mu$ m, and different column sizes. Various formats of preparative columns are also available upon request.

# Surf Prep

## To Order

Reference	Designation
<b>Surf Phenyl 100A 5µm</b>	
<b>Ø10mm</b>	
150100-5-SU-PH	Surf Phenyl 100A 5µm 150 x 10 mm
250100-5-SU-PH	Surf Phenyl 100A 5µm 250 x 10 mm
G10100-5-SUPH	Guard HPLC columns Surf Phenyl 100A 5µm 10 x 10mm 3/pk
HG-SURF-10	Holder for 10 x 10 mm Surf guard columns
<b>Ø21.2mm</b>	
50212-5-SU-PH	Surf Phenyl 100A 5µm 50 x 21,2 mm
100212-5-SU-PH	Surf Phenyl 100A 5µm 100 x 21,2 mm
150212-5-SU-PH	Surf Phenyl 100A 5µm 150 x 21,2 mm
250212-5-SU-PH	Surf Phenyl 100A 5µm 250 x 21,2 mm
G10212-5-SUPH	Guard HPLC columns Surf Phenyl 100A 5µm 10 x 21,2mm 3/pk
HG-SURF-21.2	Holder for 10 x 21,2 mm Surf guard columns
<b>Ø30mm</b>	
50300-5-SU-PH	Surf Phenyl 100A 5µm 50 x30 mm
100300-5-SU-PH	Surf Phenyl 100A 5µm 100 x30 mm
150300-5-SU-PH	Surf Phenyl 100A 5µm 150 x30 mm
250300-5-SU-PH	Surf Phenyl 100A 5µm 250 x 30 mm
G10300-5-SUPH	Guard HPLC columns Surf Phenyl 100A 5µm 10 x 30mm 3/pk
HG-SURF-30	Holder for 10 x 30 mm Surf guard columns
<b>Ø50mm</b>	
50500-5-SU-PH	Surf Phenyl 100A 5µm 50 x50 mm
100500-5-SU-PH	Surf Phenyl 100A 5µm 100 x50 mm
150500-5-SU-PH	Surf Phenyl 100A 5µm 150 x50 mm
250500-5-SU-PH	Surf Phenyl 100A 5µm 250 x 50 mm

# Surf Prep

## To Order

Reference	Designation
<b>Surf Phenyl 100A 10µm</b>	
<b>Ø10mm</b>	
150100-10-SU-PH	Surf Phenyl 100A 10µm 150 x 10 mm
250100-10-SU-PH	Surf Phenyl 100A 10µm 250 x 10 mm
G10100-10-SUPH	Guard HPLC columns Surf Phenyl 100A 10µm 10 x 10 mm 3/pk
HG-SURF-10	Holder for 10 x 10 mm Surf guard columns
<b>Ø21.2mm</b>	
50212-10-SU-PH	Surf Phenyl 100A 10µm 50 x 21,2 mm
100212-10-SU-PH	Surf Phenyl 100A 10µm 100 x 21,2 mm
150212-10-SU-PH	Surf Phenyl 100A 10µm 150 x 21,2 mm
250212-10-SU-PH	Surf Phenyl 100A 10µm 250 x 21,2 mm
G10212-10-SUPH	Guard HPLC columns Surf Phenyl 100A 10µm 10 x 21,2mm 3/pk
HG-SURF-21.2	Holder for 10 x 21,2 mm Surf guard columns
<b>Ø30mm</b>	
50300-10-SU-PH	Surf Phenyl 100A 10µm 50 x30 mm
100300-10-SU-PH	Surf Phenyl 100A 10µm 100 x30 mm
150300-10-SU-PH	Surf Phenyl 100A 10µm 150 x30 mm
250300-10-SU-PH	Surf Phenyl 100A 10µm 250 x 30 mm
G10300-10-SUPH	Guard HPLC columns Surf Phenyl 100A 10µm 10 x 30mm 3/pk
HG-SURF-30	Holder for 10 x 30 mm Surf guard columns
<b>Ø50mm</b>	
50500-10-SU-PH	Surf Phenyl 100A 10µm 50 x50 mm
100500-10-SU-PH	Surf Phenyl 100A 10µm 100 x50 mm
150500-10-SU-PH	Surf Phenyl 100A 10µm 150 x50 mm
250500-10-SU-PH	Surf Phenyl 100A 10µm 250 x 50 mm

# Surf Prep

## Notes

# Surf Prep

## To Order

Reference	Designation
<b>Surf Phenyl Hexyl 100A 5µm</b>	
<b>Ø10mm</b>	
Référence	Description
150100-5-SU-PHEX	Surf Phenyl Hexyl 100A 5µm 150 x 10 mm
250100-5-SU-PHEX	Surf Phenyl Hexyl 100A 5µm 250 x 10 mm
G10100-5-SUPHEX	Guard HPLC columns Surf Phenyl Hexyl 100A 5µm 10 x 10mm 3/pk
HG-SURF-10	Holder for 10 x 10 mm Surf guard columns
<b>Ø21.2mm</b>	
50212-5-SU-PHEX	Surf Phenyl Hexyl 100A 5µm 50 x 21,2 mm
100212-5-SU-PHEX	Surf Phenyl Hexyl 100A 5µm 100 x 21,2 mm
150212-5-SU-PHEX	Surf Phenyl Hexyl 100A 5µm 150 x 21,2 mm
250212-5-SU-PHEX	Surf Phenyl Hexyl 100A 5µm 250 x 21,2 mm
G10212-5-SUPHEX	Guard HPLC columns Surf Phenyl Hexyl 100A 5µm 10 x 21,2mm 3/pk
HG-SURF-21.2	Holder for 10 x 21,2 mm Surf guard columns
<b>Ø30mm</b>	
50300-5-SU-PHEX	Surf Phenyl Hexyl 100A 5µm 50 x30 mm
100300-5-SU-PHEX	Surf Phenyl Hexyl 100A 5µm 100 x30 mm
150300-5-SU-PHEX	Surf Phenyl Hexyl 100A 5µm 150 x30 mm
250300-5-SU-PHEX	Surf Phenyl Hexyl 100A 5µm 250 x 30 mm
G10300-5-SUPHEX	Guard HPLC columns Surf Phenyl Hexyl 100A 5µm 10 x 30mm 3/pk
HG-SURF-30	Holder for 10 x 30 mm Surf guard columns
<b>Ø50mm</b>	
50500-5-SU-PHEX	Surf Phenyl Hexyl 100A 5µm 50 x50 mm
100500-5-SU-PHEX	Surf Phenyl Hexyl 100A 5µm 100 x50 mm
150500-5-SU-PHEX	Surf Phenyl Hexyl 100A 5µm 150 x50 mm
250500-5-SU-PHEX	Surf Phenyl Hexyl 100A 5µm 250 x 50 mm



# Surf Prep

## To Order

Reference	Designation
<b>Surf Phenyl Hexyl 100A 10µm</b>	
<b>Ø10mm</b>	
150100-10-SU-PHEX	Surf Phenyl Hexyl 100A 10µm 150 x 10 mm
250100-10-SU-PHEX	Surf Phenyl Hexyl 100A 10µm 250 x 10 mm
G10100-10-SUPHEX	Guard HPLC columns Surf Phenyl Hexyl 100A 10µm 10 x 10 mm 3/pk
HG-SURF-10	Holder for 10 x 10 mm Surf guard columns
<b>Ø21.2mm</b>	
50212-10-SU-PHEX	Surf Phenyl Hexyl 100A 10µm 50 x 21,2 mm
100212-10-SU-PHEX	Surf Phenyl Hexyl 100A 10µm 100 x 21,2 mm
150212-10-SU-PHEX	Surf Phenyl Hexyl 100A 10µm 150 x 21,2 mm
250212-10-SU-PHEX	Surf Phenyl Hexyl 100A 10µm 250 x 21,2 mm
G10212-10-SUPHEX	Guard HPLC columns Surf Phenyl Hexyl 100A 10µm 10 x 21,2mm 3/pk
HG-SURF-21.2	Holder for 10 x 21,2 mm Surf guard columns
<b>Ø30mm</b>	
50300-10-SU-PHEX	Surf Phenyl Hexyl 100A 10µm 50 x 30 mm
100300-10-SU-PHEX	Surf Phenyl Hexyl 100A 10µm 100 x 30 mm
150300-10-SU-PHEX	Surf Phenyl Hexyl 100A 10µm 150 x 30 mm
250300-10-SU-PHEX	Surf Phenyl Hexyl 100A 10µm 250 x 30 mm
G10300-10-SUPHEX	Guard HPLC columns Surf Phenyl Hexyl 100A 10µm 10 x 30mm 3/pk
HG-SURF-30	Holder for 10 x 30 mm Surf guard columns
<b>Ø50mm</b>	
50500-10-SU-PHEX	Surf Phenyl Hexyl 100A 10µm 50 x 50 mm
100500-10-SU-PHEX	Surf Phenyl Hexyl 100A 10µm 100 x 50 mm
150500-10-SU-PHEX	Surf Phenyl Hexyl 100A 10µm 150 x 50 mm
250500-10-SU-PHEX	Surf Phenyl Hexyl 100A 10µm 250 x 50 mm

# Surf Prep

## Surf C30

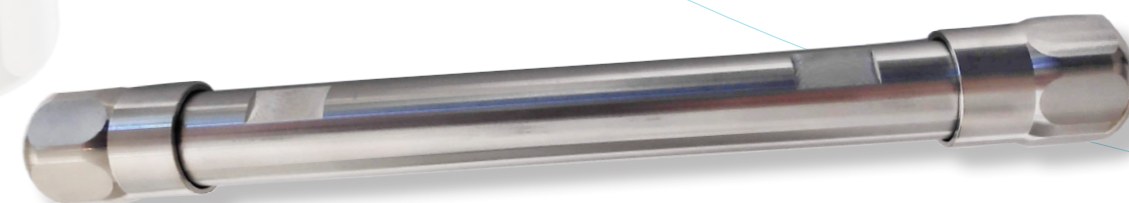
### Surf C30 columns



Our inverted phase and silica-based C30 column offers a high selectivity for hydrophobic isomers with long carbon chains, such as carotenoids, steroids, fatty acids, and vitamin K.

The selectivity of our C30 Surf Column will provide separation on geometrical and positional isomers, which is difficult to obtain with a C18 column.

Our C30 Surf Columns are available in 3µm and 5µm, and different column sizes.



# Surf Prep

## To Order

Reference	Designation
<b>Surf C30 100A 5µm</b>	
<b>Ø10mm</b>	
Référence	Description
150100-5-SU-C30	Surf C30 100A 5µm 150 x 10 mm
250100-5-SU-C30	Surf C30 100A 5µm 250 x 10 mm
G10100-5-SUC30	Guard HPLC columns Surf C30 100A 5µm 10 x 10mm 3/pk
HG-SURF-10	Holder for 10 x 10 mm Surf guard columns
<b>Ø21.2mm</b>	
50212-5-SU-C30	Surf C30 100A 5µm 50 x 21,2 mm
100212-5-SU-C30	Surf C30 100A 5µm 100 x 21,2 mm
150212-5-SU-C30	Surf C30 100A 5µm 150 x 21,2 mm
250212-5-SU-C30	Surf C30 100A 5µm 250 x 21,2 mm
G10212-5-SUC30	Guard HPLC columns Surf C30 100A 5µm 10 x 21,2mm 3/pk
HG-SURF-21.2	Holder for 10 x 21,2 mm Surf guard columns
<b>Ø30mm</b>	
50300-5-SU-C30	Surf C30 100A 5µm 50 x30 mm
100300-5-SU-C30	Surf C30 100A 5µm 100 x30 mm
150300-5-SU-C30	Surf C30 100A 5µm 150 x30 mm
250300-5-SU-C30	Surf C30 100A 5µm 250 x 30 mm
G10300-5-SUC30	Guard HPLC columns Surf C30 100A 5µm 10 x 30mm 3/pk
HG-SURF-30	Holder for 10 x 30 mm Surf guard columns
50500-5-SU-C30	Surf C30 100A 5µm 50 x50 mm
<b>Ø50mm</b>	
100500-5-SU-C30	Surf C30 100A 5µm 100 x50 mm
150500-5-SU-C30	Surf C30 100A 5µm 150 x50 mm
250500-5-SU-C30	Surf C30 100A 5µm 250 x 50 mm

# Surf Prep

## To Order

Reference	Designation
<b>Surf C30 100A 10µm</b>	
<b>Ø10mm</b>	
150100-10-SU-C30	Surf C30 100A 10µm 150 x 10 mm
250100-10-SU-C30	Surf C30 100A 10µm 250 x 10 mm
G10100-10-SUC30	Guard HPLC columns Surf C30 100A 10µm 10 x 10 mm 3/pk
HG-SURF-10	Holder for 10 x 10 mm Surf guard columns
<b>Ø21.2mm</b>	
50212-10-SU-C30	Surf C30 100A 10µm 50 x 21,2 mm
100212-10-SU-C30	Surf C30 100A 10µm 100 x 21,2 mm
150212-10-SU-C30	Surf C30 100A 10µm 150 x 21,2 mm
250212-10-SU-C30	Surf C30 100A 10µm 250 x 21,2 mm
G10212-10-SUC30	Guard HPLC columns Surf C30 100A 10µm 10 x 21,2mm 3/pk
HG-SURF-21.2	Holder for 10 x 21,2 mm Surf guard columns
<b>Ø30mm</b>	
50300-10-SU-C30	Surf C30 100A 10µm 50 x30 mm
100300-10-SU-C30	Surf C30 100A 10µm 100 x30 mm
150300-10-SU-C30	Surf C30 100A 10µm 150 x30 mm
250300-10-SU-C30	Surf C30 100A 10µm 250 x 30 mm
G10300-10-SUC30	Guard HPLC columns Surf C30 100A 10µm 10 x 30mm 3/pk
HG-SURF-30	Holder for 10 x 30 mm Surf guard columns
<b>Ø50mm</b>	
50500-10-SU-C30	Surf C30 100A 10µm 50 x50 mm
100500-10-SU-C30	Surf C30 100A 10µm 100 x50 mm
150500-10-SU-C30	Surf C30 100A 10µm 150 x50 mm
250500-10-SU-C30	Surf C30 100A 10µm 250 x 50 mm

### Bio C18, C8, C4 Surf columns



Involved in chromatography since the early 2000s, we have succeeded in improving our range to include small molecules chromatography.

Building on our experience, we have extended our expertise to bio-separations (peptides oligonucleotides and proteins).

Our new Surf Bio range is available in C4, C8 and C18, in 150A, 200A and 300A porosity, and in various dimensions.

These columns enable the separation of molecules with molecular weights above 10kD.

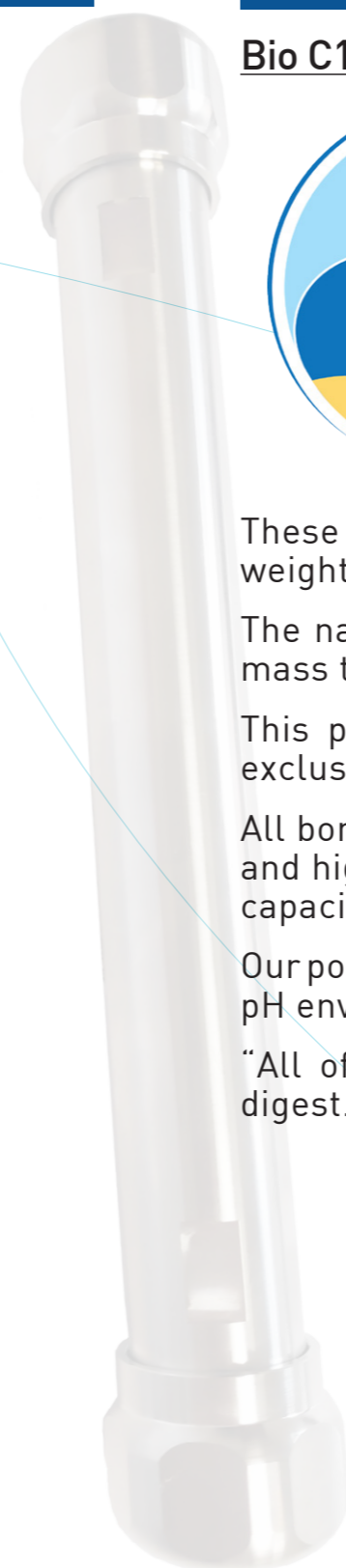
The narrow distribution size of our stationary phase guarantees a good mass transfer.

This performance guarantees an excellent peak shape without steric exclusion.

All bonding is done on natural and spherical silica with uniform porosity and high mechanical stability. This allows us to guarantee a high charge capacity as well as an excellent lifetime.

Our polymeric bonding technology ensures chemical stability in aggressive pH environments and reduces inclusion and carry-over.

“All of our columns are individually tested on the separation of BSA digest.”



# Surf Prep

## To Order

Reference	Designation
<b>Surf BIO C18 150A 5µm</b>	
<b>Ø10mm</b>	
Référence	Description
150100-5-SU-BIO150C18	Surf BIO C18 150A 5µm 150 x 10 mm
250100-5-SU-BIO150C18	Surf BIO C18 150A 5µm 250 x 10 mm
G10100-5-SUBIO150C18	Guard HPLC columns Surf BIO C18 150A 5µm 10 x 10mm 3/pk
HG-SURF-10	Holder for 10 x 10 mm Surf guard columns
<b>Ø21.2mm</b>	
50212-5-SU-BIO150C18	Surf BIO C18 150A 5µm 50 x 21,2 mm
100212-5-SU-BIO150C18	Surf BIO C18 150A 5µm 100 x 21,2 mm
150212-5-SU-BIO150C18	Surf BIO C18 150A 5µm 150 x 21,2 mm
250212-5-SU-BIO150C18	Surf BIO C18 150A 5µm 250 x 21,2 mm
G10212-5-SUBIO150C18	Guard HPLC columns Surf BIO C18 150A 5µm 10 x 21,2mm 3/pk
HG-SURF-21.2	Holder for 10 x 21,2 mm Surf guard columns
<b>Ø30mm</b>	
50300-5-SU-BIO150C18	Surf BIO C18 150A 5µm 50 x30 mm
100300-5-SU-BIO150C18	Surf BIO C18 150A 5µm 100 x30 mm
150300-5-SU-BIO150C18	Surf BIO C18 150A 5µm 150 x30 mm
250300-5-SU-BIO150C18	Surf BIO C18 150A 5µm 250 x 30 mm
G10300-5-SUBIO150C18	Guard HPLC columns Surf BIO C18 150A 5µm 10 x 30mm 3/pk
HG-SURF-30	Holder for 10 x 30 mm Surf guard columns
<b>Ø50mm</b>	
50500-5-SU-BIO150C18	Surf BIO C18 150A 5µm 50 x50 mm
100500-5-SU-BIO150C18	Surf BIO C18 150A 5µm 100 x50 mm
150500-5-SU-BIO150C18	Surf BIO C18 150A 5µm 150 x50 mm
250500-5-SU-BIO150C18	Surf BIO C18 150A 5µm 250 x 50 mm

# Surf Prep

## To Order

Reference	Designation
<b>Surf BIO C18 150A 10µm</b>	
<b>Ø10mm</b>	
150100-10-SU-BIO150C18	Surf BIO C18 150A 10µm 150 x 10 mm
250100-10-SU-BIO150C18	Surf BIO C18 150A 10µm 250 x 10 mm
G10100-10-SUBIO150C18	Guard HPLC columns Surf BIO C18 150A 10µm 10 x 10 mm 3/pk
HG-SURF-10	Holder for 10 x 10 mm Surf guard columns
<b>Ø21.2mm</b>	
50212-10-SU-BIO150C18	Surf BIO C18 150A 10µm 50 x 21,2 mm
100212-10-SU-BIO150C18	Surf BIO C18 150A 10µm 100 x 21,2 mm
150212-10-SU-BIO150C18	Surf BIO C18 150A 10µm 150 x 21,2 mm
250212-10-SU-BIO150C18	Surf BIO C18 150A 10µm 250 x 21,2 mm
G10212-10-SUBIO150C18	Guard HPLC columns Surf BIO C18 150A 10µm 10 x 21,2mm 3/pk
HG-SURF-21.2	Holder for 10 x 21,2 mm Surf guard columns
<b>Ø30mm</b>	
50300-10-SU-BIO150C18	Surf BIO C18 150A 10µm 50 x30 mm
100300-10-SU-BIO150C18	Surf BIO C18 150A 10µm 100 x30 mm
150300-10-SU-BIO150C18	Surf BIO C18 150A 10µm 150 x30 mm
250300-10-SU-BIO150C18	Surf BIO C18 150A 10µm 250 x 30 mm
G10300-10-SUBIO150C18	Guard HPLC columns Surf BIO C18 150A 10µm 10 x 30mm 3/pk
HG-SURF-30	Holder for 10 x 30 mm Surf guard columns
<b>Ø50mm</b>	
50500-10-SU-BIO150C18	Surf BIO C18 150A 10µm 50 x50 mm
100500-10-SU-BIO150C18	Surf BIO C18 150A 10µm 100 x50 mm
150500-10-SU-BIO150C18	Surf BIO C18 150A 10µm 150 x50 mm
250500-10-SU-BIO150C18	Surf BIO C18 150A 10µm 250 x 50 mm

# Surf Prep

## To Order

Reference	Designation
<b>Surf BIO C18 200A 5µm</b>	
<b>Ø10mm</b>	
150100-5-SU-BIO200C18	Surf BIO C18 200A 5µm 150 x 10 mm
250100-5-SU-BIO200C18	Surf BIO C18 200A 5µm 250 x 10 mm
G10100-5-SUBIO200C18	Guard HPLC columns Surf BIO C18 200A 5µm 10 x 10mm 3/pk
HG-SURF-10	Holder for 10 x 10 mm Surf guard columns
<b>Ø21.2mm</b>	
50212-5-SU-BIO200C18	Surf BIO C18 200A 5µm 50 x 21,2 mm
100212-5-SU-BIO200C18	Surf BIO C18 200A 5µm 100 x 21,2 mm
150212-5-SU-BIO200C18	Surf BIO C18 200A 5µm 150 x 21,2 mm
250212-5-SU-BIO200C18	Surf BIO C18 200A 5µm 250 x 21,2 mm
G10212-5-SUBIO200C18	Guard HPLC columns Surf BIO C18 200A 5µm 10 x 21,2mm 3/pk
HG-SURF-21.2	Holder for 10 x 21,2 mm Surf guard columns
<b>Ø30mm</b>	
50300-5-SU-BIO200C18	Surf BIO C18 200A 5µm 50 x30 mm
100300-5-SU-BIO200C18	Surf BIO C18 200A 5µm 100 x30 mm
150300-5-SU-BIO200C18	Surf BIO C18 200A 5µm 150 x30 mm
250300-5-SU-BIO200C18	Surf BIO C18 200A 5µm 250 x 30 mm
G10300-5-SUBIO200C18	Guard HPLC columns Surf BIO C18 200A 5µm 10 x 30mm 3/pk
HG-SURF-30	Holder for 10 x 30 mm Surf guard columns
<b>Ø50mm</b>	
50500-5-SU-BIO200C18	Surf BIO C18 200A 5µm 50 x50 mm
100500-5-SU-BIO200C18	Surf BIO C18 200A 5µm 100 x50 mm
150500-5-SU-BIO200C18	Surf BIO C18 200A 5µm 150 x50 mm
250500-5-SU-BIO200C18	Surf BIO C18 200A 5µm 250 x 50 mm

# Surf Prep

## To Order

Reference	Designation
<b>Surf BIO C18 200A 10µm</b>	
<b>Ø10mm</b>	
150100-10-SU-BIO200C18	Surf BIO C18 200A 10µm 150 x 10 mm
250100-10-SU-BIO200C18	Surf BIO C18 200A 10µm 250 x 10 mm
G10100-10-SUBIO200C18	Guard HPLC columns Surf BIO C18 200A 10µm 10 x 10 mm 3/pk
HG-SURF-10	Holder for 10 x 10 mm Surf guard columns
<b>Ø21.2mm</b>	
50212-10-SU-BIO200C18	Surf BIO C18 200A 10µm 50 x 21,2 mm
100212-10-SU-BIO200C18	Surf BIO C18 200A 10µm 100 x 21,2 mm
150212-10-SU-BIO200C18	Surf BIO C18 200A 10µm 150 x 21,2 mm
250212-10-SU-BIO200C18	Surf BIO C18 200A 10µm 250 x 21,2 mm
G10212-10-SUBIO200C18	Guard HPLC columns Surf BIO C18 200A 10µm 10 x 21,2mm 3/pk
HG-SURF-21.2	Holder for 10 x 21,2 mm Surf guard columns
<b>Ø30mm</b>	
50300-10-SU-BIO200C18	Surf BIO C18 200A 10µm 50 x30 mm
100300-10-SU-BIO200C18	Surf BIO C18 200A 10µm 100 x30 mm
150300-10-SU-BIO200C18	Surf BIO C18 200A 10µm 150 x30 mm
250300-10-SU-BIO200C18	Surf BIO C18 200A 10µm 250 x 30 mm
G10300-10-SUBIO200C18	Guard HPLC columns Surf BIO C18 200A 10µm 10 x 30mm 3/pk
HG-SURF-30	Holder for 10 x 30 mm Surf guard columns
<b>Ø50mm</b>	
50500-10-SU-BIO200C18	Surf BIO C18 200A 10µm 50 x50 mm
100500-10-SU-BIO200C18	Surf BIO C18 200A 10µm 100 x50 mm
150500-10-SU-BIO200C18	Surf BIO C18 200A 10µm 150 x50 mm
250500-10-SU-BIO200C18	Surf BIO C18 200A 10µm 250 x 50 mm



# Surf Prep

## To Order

Reference	Designation
<b>Surf BIO C18 300A 5µm</b>	
<b>Ø10mm</b>	
150100-5-SU-BIO300C18	Surf BIO C18 300A 5µm 150 x 10 mm
250100-5-SU-BIO300C18	Surf BIO C18 300A 5µm 250 x 10 mm
G10100-5-SUBIO300C18	Guard HPLC columns Surf BIO C18 300A 5µm 10 x 10mm 3/pk
HG-SURF-10	Holder for 10 x 10 mm Surf guard columns
<b>Ø21.2mm</b>	
50212-5-SU-BIO300C18	Surf BIO C18 300A 5µm 50 x 21,2 mm
100212-5-SU-BIO300C18	Surf BIO C18 300A 5µm 100 x 21,2 mm
150212-5-SU-BIO300C18	Surf BIO C18 300A 5µm 150 x 21,2 mm
250212-5-SU-BIO300C18	Surf BIO C18 300A 5µm 250 x 21,2 mm
G10212-5-SUBIO300C18	Guard HPLC columns Surf BIO C18 300A 5µm 10 x 21,2mm 3/pk
HG-SURF-21.2	Holder for 10 x 21,2 mm Surf guard columns
<b>Ø30mm</b>	
50300-5-SU-BIO300C18	Surf BIO C18 300A 5µm 50 x30 mm
100300-5-SU-BIO300C18	Surf BIO C18 300A 5µm 100 x30 mm
150300-5-SU-BIO300C18	Surf BIO C18 300A 5µm 150 x30 mm
250300-5-SU-BIO300C18	Surf BIO C18 300A 5µm 250 x 30 mm
G10300-5-SUBIO300C18	Guard HPLC columns Surf BIO C18 300A 5µm 10 x 30mm 3/pk
HG-SURF-30	Holder for 10 x 30 mm Surf guard columns
<b>Ø50mm</b>	
50500-5-SU-BIO300C18	Surf BIO C18 300A 5µm 50 x50 mm
100500-5-SU-BIO300C18	Surf BIO C18 300A 5µm 100 x50 mm
150500-5-SU-BIO300C18	Surf BIO C18 300A 5µm 150 x50 mm
250500-5-SU-BIO300C18	Surf BIO C18 300A 5µm 250 x 50 mm

# Surf Prep

## To Order

Reference	Designation
<b>Surf BIO C18 300A 10µm</b>	
<b>Ø10mm</b>	
150100-10-SU-BIO300C18	Surf BIO C18 300A 10µm 150 x 10 mm
250100-10-SU-BIO300C18	Surf BIO C18 300A 10µm 250 x 10 mm
G10100-10-SUBIO300C18	Guard HPLC columns Surf BIO C18 300A 10µm 10 x 10 mm 3/pk
HG-SURF-10	Holder for 10 x 10 mm Surf guard columns
<b>Ø21.2mm</b>	
50212-10-SU-BIO300C18	Surf BIO C18 300A 10µm 50 x 21,2 mm
100212-10-SU-BIO300C18	Surf BIO C18 300A 10µm 100 x 21,2 mm
150212-10-SU-BIO300C18	Surf BIO C18 300A 10µm 150 x 21,2 mm
250212-10-SU-BIO300C18	Surf BIO C18 300A 10µm 250 x 21,2 mm
G10212-10-SUBIO300C18	Guard HPLC columns Surf BIO C18 300A 10µm 10 x 21,2mm 3/pk
HG-SURF-21.2	Holder for 10 x 21,2 mm Surf guard columns
<b>Ø30mm</b>	
50300-10-SU-BIO300C18	Surf BIO C18 300A 10µm 50 x30 mm
100300-10-SU-BIO300C18	Surf BIO C18 300A 10µm 100 x30 mm
150300-10-SU-BIO300C18	Surf BIO C18 300A 10µm 150 x30 mm
250300-10-SU-BIO300C18	Surf BIO C18 300A 10µm 250 x 30 mm
G10300-10-SUBIO300C18	Guard HPLC columns Surf BIO C18 300A 10µm 10 x 30mm 3/pk
HG-SURF-30	Holder for 10 x 30 mm Surf guard columns
<b>Ø50mm</b>	
50500-10-SU-BIO300C18	Surf BIO C18 300A 10µm 50 x50 mm
100500-10-SU-BIO300C18	Surf BIO C18 300A 10µm 100 x50 mm
150500-10-SU-BIO300C18	Surf BIO C18 300A 10µm 150 x50 mm
250500-10-SU-BIO300C18	Surf BIO C18 300A 10µm 250 x 50 mm

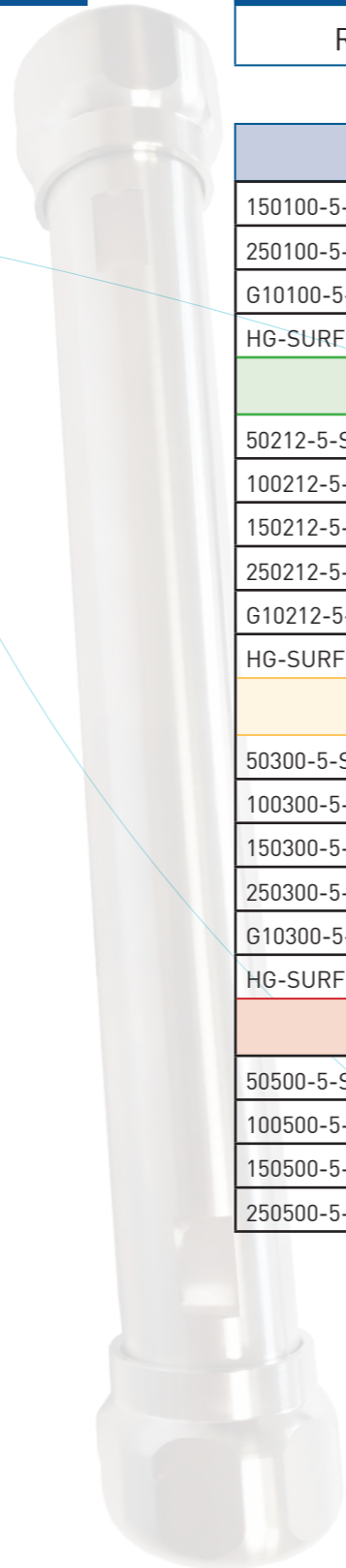
# Surf Prep

## Notes

# Surf Prep

## To Order

Reference	Designation
<b>Surf BIO C8 150A 5µm</b>	
<b>Ø10mm</b>	
150100-5-SU-BIO150C8	Surf BIO C8 150A 5µm 150 x 10 mm
250100-5-SU-BIO150C8	Surf BIO C8 150A 5µm 250 x 10 mm
G10100-5-SUBIO150C8	Guard HPLC columns Surf BIO C8 150A 5µm 10 x 10mm 3/pk
HG-SURF-10	Holder for 10 x 10 mm Surf guard columns
<b>Ø21.2mm</b>	
50212-5-SU-BIO150C8	Surf BIO C8 150A 5µm 50 x 21,2 mm
100212-5-SU-BIO150C8	Surf BIO C8 150A 5µm 100 x 21,2 mm
150212-5-SU-BIO150C8	Surf BIO C8 150A 5µm 150 x 21,2 mm
250212-5-SU-BIO150C8	Surf BIO C8 150A 5µm 250 x 21,2 mm
G10212-5-SUBIO150C8	Guard HPLC columns Surf BIO C8 150A 5µm 10 x 21,2mm 3/pk
HG-SURF-21.2	Holder for 10 x 21,2 mm Surf guard columns
<b>Ø30mm</b>	
50300-5-SU-BIO150C8	Surf BIO C8 150A 5µm 50 x30 mm
100300-5-SU-BIO150C8	Surf BIO C8 150A 5µm 100 x30 mm
150300-5-SU-BIO150C8	Surf BIO C8 150A 5µm 150 x30 mm
250300-5-SU-BIO150C8	Surf BIO C8 150A 5µm 250 x 30 mm
G10300-5-SUBIO150C8	Guard HPLC columns Surf BIO C8 150A 5µm 10 x 30mm 3/pk
HG-SURF-30	Holder for 10 x 30 mm Surf guard columns
<b>Ø50mm</b>	
50500-5-SU-BIO150C8	Surf BIO C8 150A 5µm 50 x50 mm
100500-5-SU-BIO150C8	Surf BIO C8 150A 5µm 100 x50 mm
150500-5-SU-BIO150C8	Surf BIO C8 150A 5µm 150 x50 mm
250500-5-SU-BIO150C8	Surf BIO C8 150A 5µm 250 x 50 mm



# Surf Prep

## To Order

Reference	Designation
<b>Surf BIO C8 150A 10µm</b>	
<b>Ø10mm</b>	
150100-10-SU-BIO150C8	Surf BIO C8 150A 10µm 150 x 10 mm
250100-10-SU-BIO150C8	Surf BIO C8 150A 10µm 250 x 10 mm
G10100-10-SUBIO150C8	Guard HPLC columns Surf BIO C8 150A 10µm 10 x 10mm 3/pk
HG-SURF-10	Holder for 10 x 10 mm Surf guard columns
<b>Ø21.2mm</b>	
50212-10-SU-BIO150C8	Surf BIO C8 150A 10µm 50 x 21,2 mm
100212-10-SU-BIO150C8	Surf BIO C8 150A 10µm 100 x 21,2 mm
150212-10-SU-BIO150C8	Surf BIO C8 150A 10µm 150 x 21,2 mm
250212-10-SU-BIO150C8	Surf BIO C8 150A 10µm 250 x 21,2 mm
G10212-10-SUBIO150C8	Guard HPLC columns Surf BIO C8 150A 10µm 10 x 21,2mm 3/pk
HG-SURF-21.2	Holder for 10 x 21,2 mm Surf guard columns
<b>Ø30mm</b>	
50300-10-SU-BIO150C8	Surf BIO C8 150A 10µm 50 x30 mm
100300-10-SU-BIO150C8	Surf BIO C8 150A 10µm 100 x30 mm
150300-10-SU-BIO150C8	Surf BIO C8 150A 10µm 150 x30 mm
250300-10-SU-BIO150C8	Surf BIO C8 150A 10µm 250 x 30 mm
G10300-10-SUBIO150C8	Guard HPLC columns Surf BIO C8 150A 10µm 10 x 30mm 3/pk
HG-SURF-30	Holder for 10 x 30 mm Surf guard columns
<b>Ø50mm</b>	
50500-10-SU-BIO150C8	Surf BIO C8 150A 10µm 50 x50 mm
100500-10-SU-BIO150C8	Surf BIO C8 150A 10µm 100 x50 mm
150500-10-SU-BIO150C8	Surf BIO C8 150A 10µm 150 x50 mm
250500-10-SU-BIO150C8	Surf BIO C8 150A 10µm 250 x 50 mm

# Surf Prep

## To Order

Reference	Designation
<b>Surf BIO C8 200A 5µm</b>	
<b>Ø10mm</b>	
150100-5-SU-BIO200C8	Surf BIO C8 200A 5µm 150 x 10 mm
250100-5-SU-BIO200C8	Surf BIO C8 200A 5µm 250 x 10 mm
G10100-5-SUBIO200C8	Guard HPLC columns Surf BIO C8 200A 5µm 10 x 10mm 3/pk
HG-SURF-10	Holder for 10 x 10 mm Surf guard columns
<b>Ø21.2mm</b>	
50212-5-SU-BIO200C8	Surf BIO C8 200A 5µm 50 x 21,2 mm
100212-5-SU-BIO200C8	Surf BIO C8 200A 5µm 100 x 21,2 mm
150212-5-SU-BIO200C8	Surf BIO C8 200A 5µm 150 x 21,2 mm
250212-5-SU-BIO200C8	Surf BIO C8 200A 5µm 250 x 21,2 mm
G10212-5-SUBIO200C8	Guard HPLC columns Surf BIO C8 200A 5µm 10 x 21,2mm 3/pk
HG-SURF-21.2	Holder for 10 x 21,2 mm Surf guard columns
<b>Ø30mm</b>	
50300-5-SU-BIO200C8	Surf BIO C8 200A 5µm 50 x30 mm
100300-5-SU-BIO200C8	Surf BIO C8 200A 5µm 100 x30 mm
150300-5-SU-BIO200C8	Surf BIO C8 200A 5µm 150 x30 mm
250300-5-SU-BIO200C8	Surf BIO C8 200A 5µm 250 x 30 mm
G10300-5-SUBIO200C8	Guard HPLC columns Surf BIO C8 200A 5µm 10 x 30mm 3/pk
HG-SURF-30	Holder for 10 x 30 mm Surf guard columns
<b>Ø50mm</b>	
50500-5-SU-BIO200C8	Surf BIO C8 200A 5µm 50 x50 mm
100500-5-SU-BIO200C8	Surf BIO C8 200A 5µm 100 x50 mm
150500-5-SU-BIO200C8	Surf BIO C8 200A 5µm 150 x50 mm
250500-5-SU-BIO200C8	Surf BIO C8 200A 5µm 250 x 50 mm

# Surf Prep

## To Order

Reference	Designation
<b>Surf BIO C8 200A 10µm</b>	
<b>Ø10mm</b>	
150100-10-SU-BIO200C8	Surf BIO C8 200A 10µm 150 x 10 mm
250100-10-SU-BIO200C8	Surf BIO C8 200A 10µm 250 x 10 mm
G10100-10-SUBIO200C8	Guard HPLC columns Surf BIO C8 200A 10µm 10 x 10 mm 3/pk
HG-SURF-10	Holder for 10 x 10 mm Surf guard columns
<b>Ø21.2mm</b>	
50212-10-SU-BIO200C8	Surf BIO C8 200A 10µm 50 x 21,2 mm
100212-10-SU-BIO200C8	Surf BIO C8 200A 10µm 100 x 21,2 mm
150212-10-SU-BIO200C8	Surf BIO C8 200A 10µm 150 x 21,2 mm
250212-10-SU-BIO200C8	Surf BIO C8 200A 10µm 250 x 21,2 mm
G10212-10-SUBIO200C8	Guard HPLC columns Surf BIO C8 200A 10µm 10 x 21,2mm 3/pk
HG-SURF-21.2	Holder for 10 x 21,2 mm Surf guard columns
<b>Ø30mm</b>	
50300-10-SU-BIO200C8	Surf BIO C8 200A 10µm 50 x30 mm
100300-10-SU-BIO200C8	Surf BIO C8 200A 10µm 100 x30 mm
150300-10-SU-BIO200C8	Surf BIO C8 200A 10µm 150 x30 mm
250300-10-SU-BIO200C8	Surf BIO C8 200A 10µm 250 x 30 mm
G10300-10-SUBIO200C8	Guard HPLC columns Surf BIO C8 200A 10µm 10 x 30mm 3/pk
HG-SURF-30	Holder for 10 x 30 mm Surf guard columns
<b>Ø50mm</b>	
50500-10-SU-BIO200C8	Surf BIO C8 200A 10µm 50 x50 mm
100500-10-SU-BIO200C8	Surf BIO C8 200A 10µm 100 x50 mm
150500-10-SU-BIO200C8	Surf BIO C8 200A 10µm 150 x50 mm
250500-10-SU-BIO200C8	Surf BIO C8 200A 10µm 250 x 50 mm

# Surf Prep

## To Order

Reference	Designation
<b>Surf BIO C8 300A 5µm</b>	
<b>Ø10mm</b>	
150100-5-SU-BIO300C8	Surf BIO C8 300A 5µm 150 x 10 mm
250100-5-SU-BIO300C8	Surf BIO C8 300A 5µm 250 x 10 mm
G10100-5-SUBIO300C8	Guard HPLC columns Surf BIO C8 300A 5µm 10 x 10mm 3/pk
HG-SURF-10	Holder for 10 x 10 mm Surf guard columns
<b>Ø21.2mm</b>	
50212-5-SU-BIO300C8	Surf BIO C8 300A 5µm 50 x 21,2 mm
100212-5-SU-BIO300C8	Surf BIO C8 300A 5µm 100 x 21,2 mm
150212-5-SU-BIO300C8	Surf BIO C8 300A 5µm 150 x 21,2 mm
250212-5-SU-BIO300C8	Surf BIO C8 300A 5µm 250 x 21,2 mm
G10212-5-SUBIO300C8	Guard HPLC columns Surf BIO C8 300A 5µm 10 x 21,2mm 3/pk
HG-SURF-21.2	Holder for 10 x 21,2 mm Surf guard columns
<b>Ø30mm</b>	
50300-5-SU-BIO300C8	Surf BIO C8 300A 5µm 50 x30 mm
100300-5-SU-BIO300C8	Surf BIO C8 300A 5µm 100 x30 mm
150300-5-SU-BIO300C8	Surf BIO C8 300A 5µm 150 x30 mm
250300-5-SU-BIO300C8	Surf BIO C8 300A 5µm 250 x 30 mm
G10300-5-SUBIO300C8	Guard HPLC columns Surf BIO C8 300A 5µm 10 x 30mm 3/pk
HG-SURF-30	Holder for 10 x 30 mm Surf guard columns
<b>Ø50mm</b>	
50500-5-SU-BIO300C8	Surf BIO C8 300A 5µm 50 x50 mm
100500-5-SU-BIO300C8	Surf BIO C8 300A 5µm 100 x50 mm
150500-5-SU-BIO300C8	Surf BIO C8 300A 5µm 150 x50 mm
250500-5-SU-BIO300C8	Surf BIO C8 300A 5µm 250 x 50 mm

# Surf Prep

## To Order

Reference	Designation
<b>Surf BIO C8 300A 10µm</b>	
<b>Ø10mm</b>	
150100-10-SU-BIO300C8	Surf BIO C8 300A 10µm 150 x 10 mm
250100-10-SU-BIO300C8	Surf BIO C8 300A 10µm 250 x 10 mm
G10100-10-SUBIO300C8	Guard HPLC columns Surf BIO C8 300A 10µm 10 x 10 mm 3/pk
HG-SURF-10	Holder for 10 x 10 mm Surf guard columns
<b>Ø21.2mm</b>	
50212-10-SU-BIO300C8	Surf BIO C8 300A 10µm 50 x 21,2 mm
100212-10-SU-BIO300C8	Surf BIO C8 300A 10µm 100 x 21,2 mm
150212-10-SU-BIO300C8	Surf BIO C8 300A 10µm 150 x 21,2 mm
250212-10-SU-BIO300C8	Surf BIO C8 300A 10µm 250 x 21,2 mm
G10212-10-SUBIO300C8	Guard HPLC columns Surf BIO C8 300A 10µm 10 x 21,2mm 3/pk
HG-SURF-21.2	Holder for 10 x 21,2 mm Surf guard columns
<b>Ø30mm</b>	
50300-10-SU-BIO300C8	Surf BIO C8 300A 10µm 50 x30 mm
100300-10-SU-BIO300C8	Surf BIO C8 300A 10µm 100 x30 mm
150300-10-SU-BIO300C8	Surf BIO C8 300A 10µm 150 x30 mm
250300-10-SU-BIO300C8	Surf BIO C8 300A 10µm 250 x 30 mm
G10300-10-SUBIO300C8	Guard HPLC columns Surf BIO C8 300A 10µm 10 x 30mm 3/pk
HG-SURF-30	Holder for 10 x 30 mm Surf guard columns
<b>Ø50mm</b>	
50500-10-SU-BIO300C8	Surf BIO C8 300A 10µm 50 x50 mm
100500-10-SU-BIO300C8	Surf BIO C8 300A 10µm 100 x50 mm
150500-10-SU-BIO300C8	Surf BIO C8 300A 10µm 150 x50 mm
250500-10-SU-BIO300C8	Surf BIO C8 300A 10µm 250 x 50 mm

# Surf Prep

## To Order

Reference	Designation
<b>Surf BIO C4 150A 5µm</b>	
<b>Ø10mm</b>	
150100-5-SU-BIO150C4	Surf BIO C4 150A 5µm 150 x 10 mm
250100-5-SU-BIO150C4	Surf BIO C4 150A 5µm 250 x 10 mm
G10100-5-SUBIO150C4	Guard HPLC columns Surf BIO C4 150A 5µm 10 x 10mm 3/pk
HG-SURF-10	Holder for 10 x 10 mm Surf guard columns
<b>Ø21.2mm</b>	
50212-5-SU-BIO150C4	Surf BIO C4 150A 5µm 50 x 21,2 mm
100212-5-SU-BIO150C4	Surf BIO C4 150A 5µm 100 x 21,2 mm
150212-5-SU-BIO150C4	Surf BIO C4 150A 5µm 150 x 21,2 mm
250212-5-SU-BIO150C4	Surf BIO C4 150A 5µm 250 x 21,2 mm
G10212-5-SUBIO150C4	Guard HPLC columns Surf BIO C4 150A 5µm 10 x 21,2mm 3/pk
HG-SURF-21.2	Holder for 10 x 21,2 mm Surf guard columns
<b>Ø30mm</b>	
50300-5-SU-BIO150C4	Surf BIO C4 150A 5µm 50 x30 mm
100300-5-SU-BIO150C4	Surf BIO C4 150A 5µm 100 x30 mm
150300-5-SU-BIO150C4	Surf BIO C4 150A 5µm 150 x30 mm
250300-5-SU-BIO150C4	Surf BIO C4 150A 5µm 250 x 30 mm
G10300-5-SUBIO150C4	Guard HPLC columns Surf BIO C4 150A 5µm 10 x 30mm 3/pk
HG-SURF-30	Holder for 10 x 30 mm Surf guard columns
<b>Ø50mm</b>	
50500-5-SU-BIO150C4	Surf BIO C4 150A 5µm 50 x50 mm
100500-5-SU-BIO150C4	Surf BIO C4 150A 5µm 100 x50 mm
150500-5-SU-BIO150C4	Surf BIO C4 150A 5µm 150 x50 mm
250500-5-SU-BIO150C4	Surf BIO C4 150A 5µm 250 x 50 mm



# Surf Prep

## To Order

Reference	Designation
<b>Surf BIO C4 150A 10µm</b>	
<b>Ø10mm</b>	
150100-10-SU-BIO150C4	Surf BIO C4 150A 10µm 150 x 10 mm
250100-10-SU-BIO150C4	Surf BIO C4 150A 10µm 250 x 10 mm
G10100-10-SUBIO150C4	Guard HPLC columns Surf BIO C4 150A 10µm 10 x 10mm 3/pk
HG-SURF-10	Holder for 10 x 10 mm Surf guard columns
<b>Ø21.2mm</b>	
50212-10-SU-BIO150C4	Surf BIO C4 150A 10µm 50 x 21,2 mm
100212-10-SU-BIO150C4	Surf BIO C4 150A 10µm 100 x 21,2 mm
150212-10-SU-BIO150C4	Surf BIO C4 150A 10µm 150 x 21,2 mm
250212-10-SU-BIO150C4	Surf BIO C4 150A 10µm 250 x 21,2 mm
G10212-10-SUBIO150C4	Guard HPLC columns Surf BIO C4 150A 10µm 10 x 21,2mm 3/pk
HG-SURF-21.2	Holder for 10 x 21,2 mm Surf guard columns
<b>Ø30mm</b>	
50300-10-SU-BIO150C4	Surf BIO C4 150A 10µm 50 x30 mm
100300-10-SU-BIO150C4	Surf BIO C4 150A 10µm 100 x30 mm
150300-10-SU-BIO150C4	Surf BIO C4 150A 10µm 150 x30 mm
250300-10-SU-BIO150C4	Surf BIO C4 150A 10µm 250 x 30 mm
G10300-10-SUBIO150C4	Guard HPLC columns Surf BIO C4 150A 10µm 10 x 30mm 3/pk
HG-SURF-30	Holder for 10 x 30 mm Surf guard columns
<b>Ø50mm</b>	
50500-10-SU-BIO150C4	Surf BIO C4 150A 10µm 50 x50 mm
100500-10-SU-BIO150C4	Surf BIO C4 150A 10µm 100 x50 mm
150500-10-SU-BIO150C4	Surf BIO C4 150A 10µm 150 x50 mm
250500-10-SU-BIO150C4	Surf BIO C4 150A 10µm 250 x 50 mm

# Surf Prep

## To Order

Reference	Designation
<b>Surf BIO C4 200A 5µm</b>	
<b>Ø10mm</b>	
150100-5-SU-BIO200C4	Surf BIO C4 200A 5µm 150 x 10 mm
250100-5-SU-BIO200C4	Surf BIO C4 200A 5µm 250 x 10 mm
G10100-5-SUBIO200C4	Guard HPLC columns Surf BIO C4 200A 5µm 10 x 10mm 3/pk
HG-SURF-10	Holder for 10 x 10 mm Surf guard columns
<b>Ø21.2mm</b>	
50212-5-SU-BIO200C4	Surf BIO C4 200A 5µm 50 x 21,2 mm
100212-5-SU-BIO200C4	Surf BIO C4 200A 5µm 100 x 21,2 mm
150212-5-SU-BIO200C4	Surf BIO C4 200A 5µm 150 x 21,2 mm
250212-5-SU-BIO200C4	Surf BIO C4 200A 5µm 250 x 21,2 mm
G10212-5-SUBIO200C4	Guard HPLC columns Surf BIO C4 200A 5µm 10 x 21,2mm 3/pk
HG-SURF-21.2	Holder for 10 x 21,2 mm Surf guard columns
<b>Ø30mm</b>	
50300-5-SU-BIO200C4	Surf BIO C4 200A 5µm 50 x30 mm
100300-5-SU-BIO200C4	Surf BIO C4 200A 5µm 100 x30 mm
150300-5-SU-BIO200C4	Surf BIO C4 200A 5µm 150 x30 mm
250300-5-SU-BIO200C4	Surf BIO C4 200A 5µm 250 x 30 mm
G10300-5-SUBIO200C4	Guard HPLC columns Surf BIO C4 200A 5µm 10 x 30mm 3/pk
HG-SURF-30	Holder for 10 x 30 mm Surf guard columns
<b>Ø50mm</b>	
50500-5-SU-BIO200C4	Surf BIO C4 200A 5µm 50 x50 mm
100500-5-SU-BIO200C4	Surf BIO C4 200A 5µm 100 x50 mm
150500-5-SU-BIO200C4	Surf BIO C4 200A 5µm 150 x50 mm
250500-5-SU-BIO200C4	Surf BIO C4 200A 5µm 250 x 50 mm

# Surf Prep

## To Order

Reference	Designation
<b>Surf BIO C4 200A 10µm</b>	
<b>Ø10mm</b>	
150100-10-SU-BIO200C4	Surf BIO C4 200A 10µm 150 x 10 mm
250100-10-SU-BIO200C4	Surf BIO C4 200A 10µm 250 x 10 mm
G10100-10-SUBIO200C4	Guard HPLC columns Surf BIO C4 200A 10µm 10 x 10 mm 3/pk
HG-SURF-10	Holder for 10 x 10 mm Surf guard columns
<b>Ø21.2mm</b>	
50212-10-SU-BIO200C4	Surf BIO C4 200A 10µm 50 x 21,2 mm
100212-10-SU-BIO200C4	Surf BIO C4 200A 10µm 100 x 21,2 mm
150212-10-SU-BIO200C4	Surf BIO C4 200A 10µm 150 x 21,2 mm
250212-10-SU-BIO200C4	Surf BIO C4 200A 10µm 250 x 21,2 mm
G10212-10-SUBIO200C4	Guard HPLC columns Surf BIO C4 200A 10µm 10 x 21,2mm 3/pk
HG-SURF-21.2	Holder for 10 x 21,2 mm Surf guard columns
<b>Ø30mm</b>	
50300-10-SU-BIO200C4	Surf BIO C4 200A 10µm 50 x30 mm
100300-10-SU-BIO200C4	Surf BIO C4 200A 10µm 100 x30 mm
150300-10-SU-BIO200C4	Surf BIO C4 200A 10µm 150 x30 mm
250300-10-SU-BIO200C4	Surf BIO C4 200A 10µm 250 x 30 mm
G10300-10-SUBIO200C4	Guard HPLC columns Surf BIO C4 200A 10µm 10 x 30mm 3/pk
HG-SURF-30	Holder for 10 x 30 mm Surf guard columns
<b>Ø50mm</b>	
50500-10-SU-BIO200C4	Surf BIO C4 200A 10µm 50 x50 mm
100500-10-SU-BIO200C4	Surf BIO C4 200A 10µm 100 x50 mm
150500-10-SU-BIO200C4	Surf BIO C4 200A 10µm 150 x50 mm
250500-10-SU-BIO200C4	Surf BIO C4 200A 10µm 250 x 50 mm

# Surf Prep

## To Order

Reference	Designation
<b>Surf BIO C4 300A 5µm</b>	
<b>Ø10mm</b>	
150100-5-SU-BIO300C4	Surf BIO C4 300A 5µm 150 x 10 mm
250100-5-SU-BIO300C4	Surf BIO C4 300A 5µm 250 x 10 mm
G10100-5-SUBIO300C4	Guard HPLC columns Surf BIO C4 300A 5µm 10 x 10mm 3/pk
HG-SURF-10	Holder for 10 x 10 mm Surf guard columns
<b>Ø21.2mm</b>	
50212-5-SU-BIO300C4	Surf BIO C4 300A 5µm 50 x 21,2 mm
100212-5-SU-BIO300C4	Surf BIO C4 300A 5µm 100 x 21,2 mm
150212-5-SU-BIO300C4	Surf BIO C4 300A 5µm 150 x 21,2 mm
250212-5-SU-BIO300C4	Surf BIO C4 300A 5µm 250 x 21,2 mm
G10212-5-SUBIO300C4	Guard HPLC columns Surf BIO C4 300A 5µm 10 x 21,2mm 3/pk
HG-SURF-21.2	Holder for 10 x 21,2 mm Surf guard columns
<b>Ø30mm</b>	
50300-5-SU-BIO300C4	Surf BIO C4 300A 5µm 50 x30 mm
100300-5-SU-BIO300C4	Surf BIO C4 300A 5µm 100 x30 mm
150300-5-SU-BIO300C4	Surf BIO C4 300A 5µm 150 x30 mm
250300-5-SU-BIO300C4	Surf BIO C4 300A 5µm 250 x 30 mm
G10300-5-SUBIO300C4	Guard HPLC columns Surf BIO C4 300A 5µm 10 x 30mm 3/pk
HG-SURF-30	Holder for 10 x 30 mm Surf guard columns
<b>Ø50mm</b>	
50500-5-SU-BIO300C4	Surf BIO C4 300A 5µm 50 x50 mm
100500-5-SU-BIO300C4	Surf BIO C4 300A 5µm 100 x50 mm
150500-5-SU-BIO300C4	Surf BIO C4 300A 5µm 150 x50 mm
250500-5-SU-BIO300C4	Surf BIO C4 300A 5µm 250 x 50 mm

# Surf Prep

## To Order

Reference	Designation
<b>Surf BIO C4 300A 10µm</b>	
<b>Ø10mm</b>	
150100-10-SU-BIO300C4	Surf BIO C4 300A 10µm 150 x 10 mm
250100-10-SU-BIO300C4	Surf BIO C4 300A 10µm 250 x 10 mm
G10100-10-SUBIO300C4	Guard HPLC columns Surf BIO C4 300A 10µm 10 x 10 mm 3/pk
HG-SURF-10	Holder for 10 x 10 mm Surf guard columns
<b>Ø21.2mm</b>	
50212-10-SU-BIO300C4	Surf BIO C4 300A 10µm 50 x 21,2 mm
100212-10-SU-BIO300C4	Surf BIO C4 300A 10µm 100 x 21,2 mm
150212-10-SU-BIO300C4	Surf BIO C4 300A 10µm 150 x 21,2 mm
250212-10-SU-BIO300C4	Surf BIO C4 300A 10µm 250 x 21,2 mm
G10212-10-SUBIO300C4	Guard HPLC columns Surf BIO C4 300A 10µm 10 x 21,2mm 3/pk
HG-SURF-21.2	Holder for 10 x 21,2 mm Surf guard columns
<b>Ø30mm</b>	
50300-10-SU-BIO300C4	Surf BIO C4 300A 10µm 50 x30 mm
100300-10-SU-BIO300C4	Surf BIO C4 300A 10µm 100 x30 mm
150300-10-SU-BIO300C4	Surf BIO C4 300A 10µm 150 x30 mm
250300-10-SU-BIO300C4	Surf BIO C4 300A 10µm 250 x 30 mm
G10300-10-SUBIO300C4	Guard HPLC columns Surf BIO C4 300A 10µm 10 x 30mm 3/pk
HG-SURF-30	Holder for 10 x 30 mm Surf guard columns
<b>Ø50mm</b>	
50500-10-SU-BIO300C4	Surf BIO C4 300A 10µm 50 x50 mm
100500-10-SU-BIO300C4	Surf BIO C4 300A 10µm 100 x50 mm
150500-10-SU-BIO300C4	Surf BIO C4 300A 10µm 150 x50 mm
250500-10-SU-BIO300C4	Surf BIO C4 300A 10µm 250 x 50 mm

# Surf Prep

## To Order

Reference	Designation
<b>Surf Si 100A 5µm</b>	
<b>Ø10mm</b>	
150100-5-SU-Si	Surf Si 100A 5µm 150 x 10 mm
250100-5-SU-Si	Surf Si 100A 5µm 250 x 10 mm
G10100-5-SUSi	Guard HPLC columns Surf Si 100A 5µm 10 x 10mm 3/pk
HG-SURF-10	Holder for 10 x 10 mm Surf guard columns
<b>Ø21.2mm</b>	
50212-5-SU-Si	Surf Si 100A 5µm 50 x 21,2 mm
100212-5-SU-Si	Surf Si 100A 5µm 100 x 21,2 mm
150212-5-SU-Si	Surf Si 100A 5µm 150 x 21,2 mm
250212-5-SU-Si	Surf Si 100A 5µm 250 x 21,2 mm
G10212-5-SUSi	Guard HPLC columns Surf Si 100A 5µm 10 x 21,2mm 3/pk
HG-SURF-21.2	Holder for 10 x 21,2 mm Surf guard columns
<b>Ø30mm</b>	
50300-5-SU-Si	Surf Si 100A 5µm 50 x30 mm
100300-5-SU-Si	Surf Si 100A 5µm 100 x30 mm
150300-5-SU-Si	Surf Si 100A 5µm 150 x30 mm
250300-5-SU-Si	Surf Si 100A 5µm 250 x 30 mm
G10300-5-SUSi	Guard HPLC columns Surf Si 100A 5µm 10 x 30mm 3/pk
HG-SURF-30	Holder for 10 x 30 mm Surf guard columns
<b>Ø50mm</b>	
50500-5-SU-Si	Surf Si 100A 5µm 50 x50 mm
100500-5-SU-Si	Surf Si 100A 5µm 100 x50 mm
150500-5-SU-Si	Surf Si 100A 5µm 150 x50 mm
250500-5-SU-Si	Surf Si 100A 5µm 250 x 50 mm

# Surf Prep

## To Order

Reference	Designation
<b>Surf Si 100A 10µm</b>	
<b>Ø10mm</b>	
150100-10-SU-Si	Surf Si 100A 10µm 150 x 10 mm
250100-10-SU-Si	Surf Si 100A 10µm 250 x 10 mm
G10100-10-SUSi	Guard HPLC columns Surf Si 100A 10µm 10 x 10 mm 3/pk
HG-SURF-10	Holder for 10 x 10 mm Surf guard columns
<b>Ø21.2mm</b>	
50212-10-SU-Si	Surf Si 100A 10µm 50 x 21,2 mm
100212-10-SU-Si	Surf Si 100A 10µm 100 x 21,2 mm
150212-10-SU-Si	Surf Si 100A 10µm 150 x 21,2 mm
250212-10-SU-Si	Surf Si 100A 10µm 250 x 21,2 mm
G10212-10-SUSi	Guard HPLC columns Surf Si 100A 10µm 10 x 21,2mm 3/pk
HG-SURF-21.2	Holder for 10 x 21,2 mm Surf guard columns
<b>Ø30mm</b>	
50300-10-SU-Si	Surf Si 100A 10µm 50 x30 mm
100300-10-SU-Si	Surf Si 100A 10µm 100 x30 mm
150300-10-SU-Si	Surf Si 100A 10µm 150 x30 mm
250300-10-SU-Si	Surf Si 100A 10µm 250 x 30 mm
G10300-10-SUSi	Guard HPLC columns Surf Si 100A 10µm 10 x 30mm 3/pk
HG-SURF-30	Holder for 10 x 30 mm Surf guard columns
<b>Ø50mm</b>	
50500-10-SU-Si	Surf Si 100A 10µm 50 x50 mm
100500-10-SU-Si	Surf Si 100A 10µm 100 x50 mm
150500-10-SU-Si	Surf Si 100A 10µm 150 x50 mm
250500-10-SU-Si	Surf Si 100A 10µm 250 x 50 mm



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