

# ZODIAC CONSUMABLES



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A collection of laboratory equipment including vials, pipettes, and containers, some with the Zodiac Life Sciences logo, arranged on a light blue background.

## Brochure of Contents

The Zodiac Life Sciences logo, featuring the word 'ZODIAC' in a large, blue, serif font with a registered trademark symbol, and 'Life Sciences' in a smaller, black, sans-serif font below it. The logo is enclosed in a white circle with a yellow border.

**ZODIAC**<sup>®</sup>  
Life Sciences

- 02 — OUR PROCESS
- 03 — PEEK ONE
- 04 — PEEK COUPLER FOR HPLC
- 05 — PEEK UNIONS
- 06 — SS UNIONS FOR HPLC
- 07 — VELOX SUCTION FILTERS
- 08 — LAST DROP SUCTION FILTER



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# OUR PROCESS



**Materials**



**Geometry**



**Performance**



**Appearance**

Understanding the requirements of our customers and the analytical instrumentation industry is at the core of our process for solid product design. It all starts with listening. With years of experience and discussions with a variety of customers, we have distilled what we've learned into the four pillars of our product design process: materials, geometry, performance, and appearance. Our intent is to provide CTS replacement parts that are, in each case, equivalent to the corresponding OEM part.

Our products are made according to the highest standards as a reflection of our commitment to quality, integrity and in accordance with our ISO certification. Therefore, we are glad to extend a Lifetime Warranty against any manufacturing defects on all Zodiac parts. Zodiac defines the lifetime of a part in accordance with the normal expected performance of the equivalent OEM part. Our intention is to provide replacement parts that are equivalent to or better than the corresponding OEM part. On the rare occasion that you experience a problem with a Zodiac part, we invite you to contact us and share your problem with us. Every attempt will be made to bring resolution in a way that enhances our relationship with you, our valued customer.

Our desired outcome from this rigorous process of R&D, Designing, and Engineering is to provide you with the analytical instrumentation parts and services you need, when you need them all supplied by friendly, knowledgeable people at a reasonable price. We want you to be completely satisfied with every aspect of your dealings with Zodiac, from order placement through product delivery and performance. Please help us in our pursuit. Let us know of any issues you have had with any order from Zodiac. We will work with you to try and get it satisfactorily resolved whether through warranty claims, product replacement or process improvement. That is our process and guarantee to you



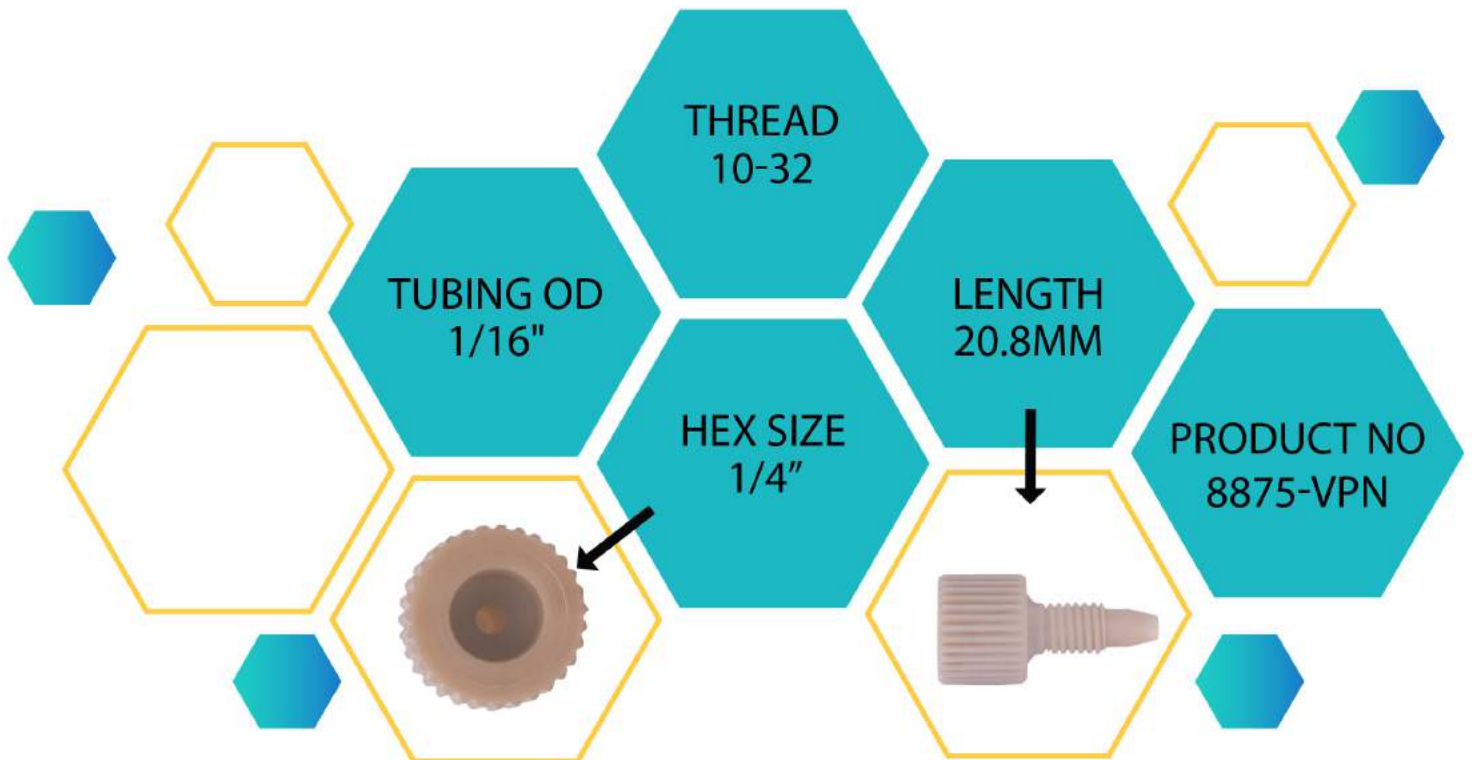
**PEEK ONE-**  
Piece Finger Tight Fittings



**01** Finger Tight upto 350 bar.  
One Piece - No ferrule required

**02** Superior Material - Biocompatible  
Excellent Chemical and Mechanical Properties

Zodiac PEEK fittings can be used in virtually with any type of 10-32 HPLC fitting detail available in the market, They are economically priced , exhibiting excellent chemical and mechanical resistance.



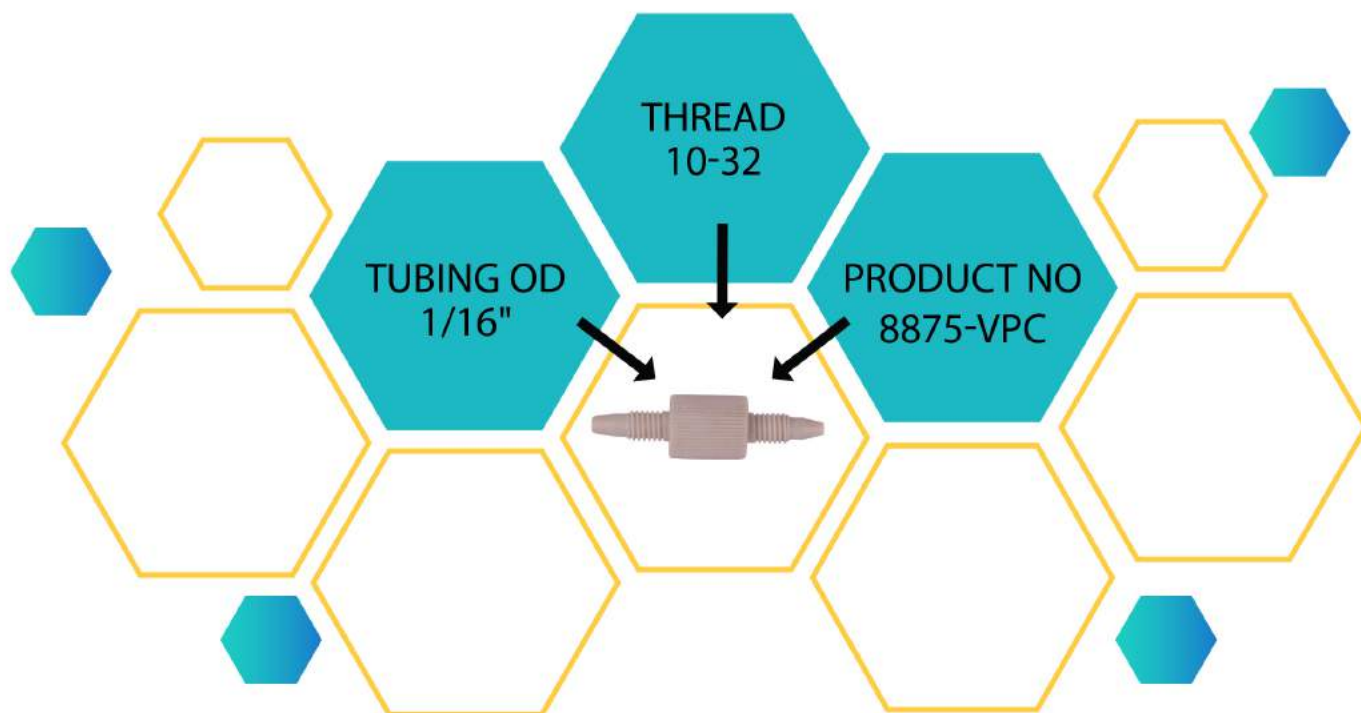
## PEEK COUPLER FOR HPLC -

Column Couplers allow zero dead volume connections between column and column, column and guard column.

They form a very good option for reducing overall flow path volume while coupling two devices together



- 01** Couples two devices together  
male to male 10-32 coned port connection
- 02** Excellent Chemical resistance  
3.6 uL swept volume





## PEEK UNIONS-

The stainless steel unions may result in the risk of contamination with the organic and inorganic solvents used in HPLC. In contrary peek unions can be used with most type of solvents without the risk of corrosion, metal contamination or protein degradation that might occur with the stainless steel.

Small bores used ensure low dead volume connections, Connections to these peek unions can be made with any 10-32 peek fitting that uses polymer end ferrules.

PEEK unions are available in body-only versions as well as complete with our PEEK one-piece finger-tight fittings ready to connect to any 1/16" OD tubing

**01** Biocompatible  
Available in 0.25,0.50,0.75mm bore sizes

**02** Low dead volume  
Rated to 25,000 psi (350 bar)

PRODUCT	BORE (mm)		QTY / PACK	PRODUCT CODE
BODY ONLY	0.25		1	8855-VPU025
	0.50		1	8855-VPU050
	0.75		1	8855-VPU075
UNIONS WITH FITTINGS	0.25		1	8855-VUF075
	0.50		1	8855-VUF050
	0.75		1	8855-VUF075



## SS UNIONS FOR HPLC -

SS Union of ZODIAC are of highest precision with uniform Bore size and smooth finish They contain internal threads enabling strong connection with the tube.



Overall they ensure absolute leak free connection withstanding high pressures

**01** Choice of 3 bore sizes  
Ideal for 1/16" OD tubing

**02** Tight Connections  
Lowest dead volume

BORE SIZE	QTY / PACK	Product Code
0.25	1	8855-VSU025
0.50	1	8855-VSU050
0.75	1	8855-VSU075

## VELOX SUCTION FILTERS

Filter traps foreign particles from the mobile phase before they could enter and damage the highly sensitive HPLC systems



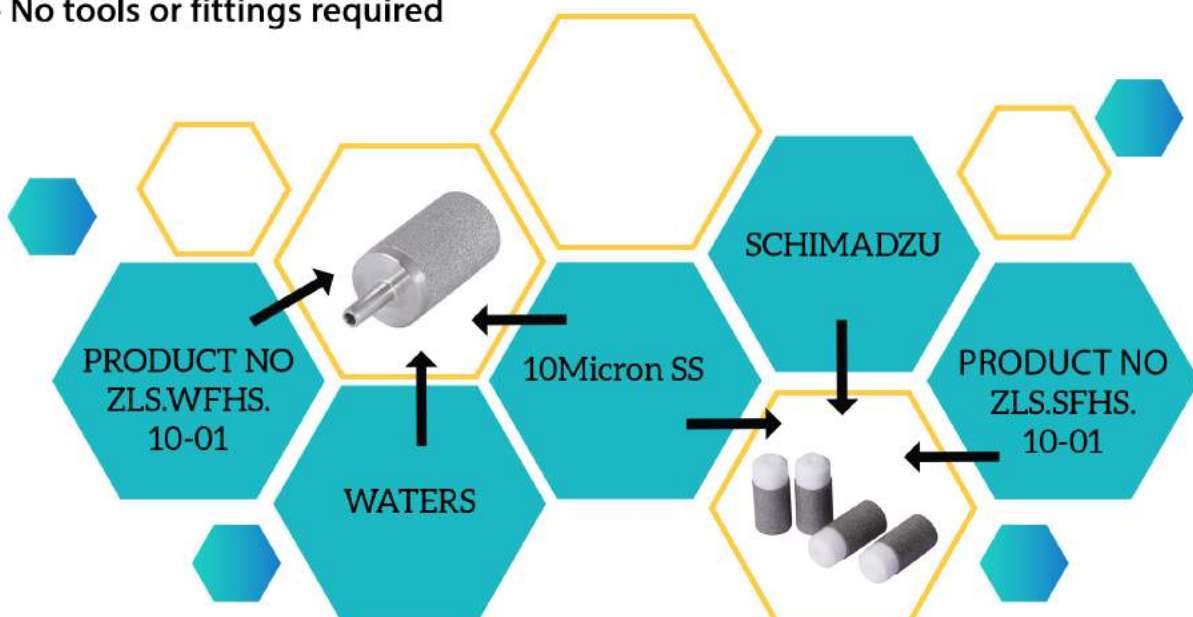
### UNIVERSAL SUCTION FILTER

Placing a filter in the reservoir is an economical way to filter particles that may result from buffer salt precipitation, airborne dust, improperly cleaned glassware, or microbial contamination; none of which are remedied by the use of HPLC-grade solvents. When selecting a filter, it is important to select the proper filter type to ensure the filter meets the needs and requirements of the system.

Hence available in 3 configurations each specific to the system employed by you : Agilent, Waters, Shimadzu.

### UNIVERSAL SUCTION FILTERS ENSURES

- Smooth flow of solvents
- Offers maximum corrosion resistance and inertness
- No tools or fittings required





## LAST DROP SUCTION FILTER

The Last Drop Suction filters Agilent type, helps to reduce the mobile phase being wasted by filtering last drop to be filtered but remaining 1-2% of the mobile phase from the reservoir Hence by doing so it prevents the air entering into the system.



When comparing this to the conventional cylindrical suction filters it is proven in efficiency because the latter begins to draw air into the system when nearly 10% of the mobile phase remains in the reservoir.

### Last Drop Mobile Phase Ensures -

- More analysis per batch of mobile phase
- Biocompatible
- Very Competitively priced
- Efficient Design
- High Quality SS suction filter

Type	Pore Size	Product Code
AGILENT	10Micron SS	ZLS.AFH.10-01