



**PEEK precolumn filter kit**

HPLC

- 100% biocompatible
- Minimal hold-up volume
- Replaceable metal-free polyethylene frits and biocompatible titanium frits encased in PEEK
- Different porosities

**SPECS**

- Materials
  - Body: PEEK
  - Frit: Titanium, Polyethylene
- 0.25/0.4 mm bore
- 10-32 threads
- Pressure rating: <350 bar (< 5000 psi)

The VICI Jour precolumn filter kit has a standard 10-32 fitting and fits direct to most column types without introducing additional dead volume.

The filter kit protects expensive columns against fine particles, which may otherwise accumulate on the column frit and lead to split peaks and high backpressure.

Sold individually.

Frit material	Pore size	Internal volume (µL) *	Maximum flow rate **	Product No.
Titanium	0.5 µm	11.5	30 ml/min	JR-68258
	2 µm	13.85	30 ml/min	JR-68262
	5 µm	14.7	30 ml/min	JR-68263
	10 µm	15.2	30 ml/min	JR-68264
Polyethylene	10 µm	15.9	30 ml/min	JR-68264P

**Replacement frits**

for PEEK in-line and precolumn filter kits

Replacement frits for PEEK precolumn filter kit and PEEK in-line filter kit (see facing page).

Frit material	Pore size	Internal volume (µL) *	Qty/pkg	Product No.
Titanium	0.5 µm	6.87	5	JR-1125-05P-5
	2 µm	9.24	5	JR-1125-2P-5
	5 µm	10.04	5	JR-1125-5P-5
	10 µm	10.56	5	JR-1125-10P-5
Polyethylene	10 µm	11.31	5	JR-1151-10P-5

**NOTES**

\* The internal volume is the hold-up volume between the end of the connecting tube and the filter 10-32 connector outlet, including the frit volume.

\*\* Flowrate measured with methanol/water (1:1), ultrasonic degassed, helium sparging to prevent regassing.

**TECH TIP**

We recommend 2 µm frits for columns with 5 µm or larger particles, and 0.5 µm frits for smaller particles.

**NOTE**

Polyethylene frits are for single use only.

**MORE INFORMATION**

Calculation of frit volume ..... 95  
 PEEK-encased stainless frits ..... 74