

**Titanium frits – PEEK-encased**

- For HPLC columns or in-line filters
- Biocompatible – recommended for protein analysis
- Eliminate poorly swept volume and improves peak symmetry
- Higher corrosion resistance
- Various porosities and dimensions available

**SPECS**

- Material:  
Frit Titanium  
Ring PEEK
- Tolerances:  
±0.05 mm  
(.002")

In terms of biocompatibility, the frit is the critical spot for contributing metal ions to the mobile phase and for interaction with protein samples.

VICI Jour PEEK-encased frits with 1/5" or 1/4" OD ring are intended for HPLC columns with IDs of 3.2 and 4.6 mm. With the frit surrounded by a PEEK ring, the actual porous surface is reduced to the column ID.

The compressed PEEK ring forms a seal between the bottom of the fitting and the column end, preventing the mobile phase and the sample from entering the previously accessible poorly swept areas.

Sold in packages of 5.

| Ring OD |      | Frit OD |      | Thickness |      | Porosity | Frit volume | Product No.   |
|---------|------|---------|------|-----------|------|----------|-------------|---------------|
| inches  | mm   | inches  | mm   | inches    | mm   | µm       | µL          |               |
| 1/5"    | 5.08 | .102"   | 2.60 | .062"     | 1.59 | 5        | 3.20        | JR-1128-5P-5  |
| .25"    | 6.35 | .125"   | 3.20 | .062"     | 1.59 | 0.5      | 3.32        | JR-1127-05P-5 |
|         |      |         |      |           |      | 2        | 4.47        | JR-1127-2P-5  |
|         |      | .181"   | 4.60 | .062"     | 1.59 | 0.5      | 6.87        | JR-1125-05P-5 |
|         |      |         |      |           |      | 2        | 2.94        | JR-1125-2P-5  |
|         |      |         |      |           |      | 5        | 10.04       | JR-1125-5P-5  |
|         |      |         |      |           |      | 10       | 10.56       | JR-1125-10P-5 |



**Polyethylene frits – PEEK-encased**

- Biocompatible
- Metal free

Our polymer frits are made of UHMWPE (Ultra High Molecular Weight PolyEthylene). They are a competitively priced alternative to titanium and are completely metal free.

With the frit surrounded by a PEEK ring, the actual porous surface is reduced to the column ID. The compressed PEEK ring forms a seal between the bottom of the fitting and the column end, preventing the mobile phase and the sample from entering the previously accessible poorly swept areas.

Sold in packages of 5.

**SPECS**

- Material:  
Frit UHMWPE  
Ring PEEK
- Tolerances:  
±0.05 mm  
(.002")

| Ring OD |      | Frit OD |      | Thickness |      | Porosity | Frit volume | Product No.   |
|---------|------|---------|------|-----------|------|----------|-------------|---------------|
| inches  | mm   | inches  | mm   | inches    | mm   | µm       | µL          |               |
| 1/5"    | 5.08 | .098"   | 2.50 | .059"     | 1.50 | 10       | 2.94        | JR-1150-10P-5 |
| .25"    | 6.35 | .181"   | 4.60 | .059"     | 1.50 | 10       | 11.31       | JR-1151-10P-5 |



**OPTIONS AND MORE INFORMATION**

See facing page.

**TECH TIPS**

- PEEK-encased titanium frits can also be used as spare parts frits for the PEEK in-line filter kit . . .54
- PEEK-encased polyethylene frits can be used as spare parts for:  
PEEK in-line filter kit . . . . .54  
PEEK columns . . . . .77