

PEEK-encased frits surround the frit with a ring of PEEK, reducing the actual porous surface to the ID of an HPLC column or filter.

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.

Stainless steel frits – PEEK-encased

SPECS

- Material:
Frit Stainless SS316L
Ring PEEK
- Tolerances:
±0.05 mm (.002")

- For HPLC columns or in-line filters
- Eliminate poorly swept volume and improves peak symmetry
- Various porosities and dimensions available

Our PEEK-encased frits with 0.118" or 1/4" OD ring are intended for HPLC columns with IDs of 3.2, 3.9, 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							
.118"	3.00	.038"	0.97	.028"	0.70	0.5	0.13	JR-1110-05P-5						
						2	0.18	JR-1110-2P-5						
						5	0.20	JR-1110-5P-5						
		.077"	1.96	.028"	0.70	0.5	.055	JR-1111-05P-5						
						2	0.74	JR-1111-2P-5						
						5	0.80	JR-1111-5P-5						
						10	0.87	JR-1111-10P-5						
						.25"	6.35	.078"	2.00	.062"	1.59	0.5	1.30	JR-1104-05P-5
												2	1.74	JR-1104-2P-5
.125"	3.20	.062"	1.59	0.5	3.32			JR-1102-05P-5						
				2	4.47	JR-1102-2P-5								
.153"	3.90	.062"	1.59	0.5	4.94	JR-1101-05P-5								
				2	4.47	JR-1101-2P-5								
.181"	4.60	.062"	1.59	0.5	6.87	JR-1100-05P-5								
				2	9.24	JR-1100-2P-5								
.125"	3.20	.062"	1.59	0.5	1.75	JR-1103-05P-5								
				2	2.25	JR-1103-2P-5								

OPTIONS

- Other dimensions and porosities are available on request. Minimum order quantity: 100 pieces. Please contact your local distributor or VICI directly.

NOTES

- Stated porosities are only nominal and do not reflect the maximum pore size of a frit.
- See frit volume chart for help choosing the right frit and porosity for your application.95
- Frit volumes are theoretical and are calculated by multiplying overall frit volume times the porosity proportion.

RELATED PRODUCTS

- Unidense type frits
- Polyethylene 72
- Stainless 73
- Titanium 73