

Facet™ Microfilters



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Protea's Facet™ Microfilters contain 0.5µm titanium frits to prevent downstream clogging of fittings, columns, and electrospray tips. The microfilter bodies and fritted stems are made from sample-friendly PEEK, and the standard 10-32 male-female thread connections make the insertion of these microfilters into any plumbing scheme quick and easy. Both nanoflow (50µm ID) and microflow (180µm) bore options are available.



Facet Microfilters trap particulates that can cause fouling in many LC and LC-MS applications:

- LC-MS/MS analysis of protein digests
- LC-MS analysis of proteins and peptides
- UV-Vis HPLC analysis of biomolecules

Column body construction:	PEEK
Frit size/construction:	0.5 µm titanium frits
Pressure rating:	100 bar (1450psi)
Nanoflow bore:	50 µm ID
Nanoflow internal volume:	25nL
Microflow bore:	180 µm
Microflow internal volume:	325nL

Catalog No.	Description	Unit	Price
FC-100	Facet Nanoflow Microfilter (50µm ID)	ea.	50
FC-101	Facet Nanoflow Microfilter (50µm ID)	5-pack	225
FC-110	Facet Microflow Microfilter (180µm ID)	ea.	50
FC-111	Facet Microflow Microfilter (180µm ID)	5-pack	225