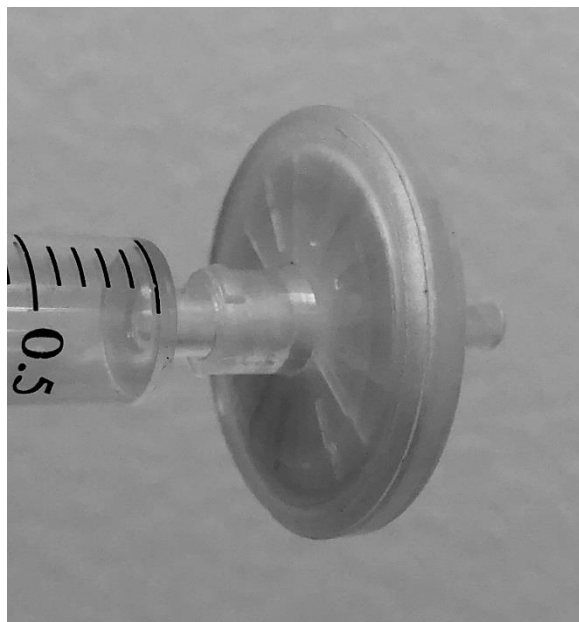


## HPLC sample preparation hand fatigue is a thing of the past! A83 NanoGF™ syringe filters



### NanoGF™ glass microfiber filter – Grade A83

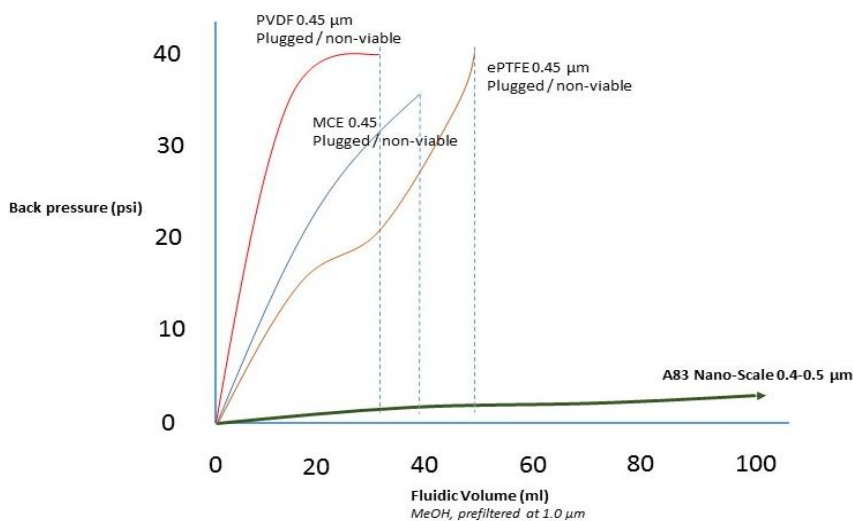
**HPLC and UHPLC** - With a high loading capacity and retention of 0.45µm these syringe filters are ideal for HPLC sample preparations in columns loaded with <0.20 µm media.

**Better results** - The extremely low analyte binding of the Nano-scale borosilicate glass microfiber allows for low background scatter (extractables) and very broad range solvent compatibility.

**Less waste** - These syringe filters have >20x loading capacity of an equivalent porosity MCE, CN, ePTFE or PVDF membrane and >15x the flow rate.

**Lower operator fatigue** - Back pressure is nearly non-existent in comparison to surface membranes reducing fatigue and increasing safety.

- Hydrophilic for both aqueous and solvent applications.
- Extremely high surface area with single fiber chemistry – no supplemental materials or metals.
- Excellent protein recoveries
- Reduces operator fatigue in syringe filter and manual devices.
- Safer operation – reduces possibility of side burst / blow out.
- Reduces cost – Increases column life & uses fewer filters
- Available in any of our standard pressure housing configurations: 15mm, 25mm & 50mm in-line



Comparison of **25mm dia.** syringe filter back pressure over fluidic volume for HPLC application.