

## Syringe Filters, Berrytac®



- For effective sample preparation
- Suitable for HPLC, IC, GC, and general particle filtration
- 1000 pc. bulk packs available on request

**PTFE membrane hydrophobic:** filtration of acids, lyes and solvents, non-polar fluids and gases, almost all chemicals

**PTFE membrane hydrophilic:** see PTFE hydrophobic, additionally filtration of aqueous solutions

**PVDF membrane hydrophilic:** filtration of aqueous and organic samples, resistant to common organic solvents, lyes and alkalines, very low protein adsorption, PH 3-12

**Nylon (PA) membrane hydrophilic:** Purification and sterile filtration of organic and aqueous samples, e.g. HPLC, GC, robust membrane, PH 3-14

**CA membrane hydrophilic:** filtration of aqueous solutions, low protein adsorption, high stability and flow, purification filtration, PH 4-8

**PES membrane hydrophilic:** filtration of cell culture and biological fluids, high flow rate, very low protein adsorption, PH 1-13

**CME membrane hydrophilic:** filtration of aqueous solutions, high flow rate, high non-specific adsorption, high stability, PH 4-8

**RC membrane hydrophilic:** filtration of aqueous and organic solutions such as HPLC and GC, low protein adsorption, high flow, PH 3-12

**GF membrane hydrophilic:** fast filtration with very high retention (pre-filtration), resistant to solvents, acids and alkalines

**PP membrane hydrophobic:** turns hydrophilic by moistening with organic solutions (ethanol), excellent thermal stability, aqueous and alcoholic solutions and solvents, binds proteins, DNA and RNA applications



Ø	Pore size	PU pc/ Pack	Polytetrafluorethylene (PTFE) hydrophobic	Polytetrafluorethylene (PTFE) hydrophilic	Polyvinylidene fluoride (PVDF)	Nylon (PA)	Cellulose acetate (CA)
mm	µm		Order No.	Order No.	Order No.	Order No.	Order No.
13	0.22	100	10 63 51003	10 63 51011	10 63 55003	10 63 52003	10 63 57003
13	0.45	100	10 63 51004	10 63 51012	10 63 55004	10 63 52004	10 63 57004
25	0.22	100	10 63 54005	10 63 51013	10 63 55005	10 63 52005	10 63 57005
25	0.45	100	10 63 51006	10 63 51014	10 63 55006	10 63 52006	10 63 57006
30	0.22	100	10 63 51007	10 63 51015	10 63 55007	10 63 52007	10 63 57007
30	0.45	100	10 63 51008	10 63 51016	10 63 55008	10 63 52008	10 63 57008

Ø	Pore size	PU pc/ Pack	Polyethersulfone (PES)	Mixed cellulose ester (MCE)	Regenerated cellulose (RC)	Polypropylene (PP)	Pore size	Glas fibre (GF)
mm	µm		Order No.	Order No.	Order No.	Order No.	µm	Order No.
13	0.22	100	10 63 56003	10 63 53003	10 63 50190	10 63 51607		
13	0.45	100	10 63 56004	10 63 53004	10 63 50200	10 63 51608		
25	0.22	100	10 63 56005	10 63 53005	10 63 50210	10 63 51609	0.7	10 63 52560
25	0.45	100	10 63 56006	10 63 53006	10 63 50220	10 63 51610	1.2	10 63 52550
30	0.22	100	10 63 56007	10 63 53007	10 63 50230	10 63 51611	0.7	10 63 52580
30	0.45	100	10 63 56008	10 63 53008	10 63 50240	10 63 51612	1.2	10 63 52570

