

YETI Syringe Filter Membranes	Available Pore sizes (µm)	Available Diameters (mm)	Membrane Description	Properties	Use for:	Do not use for:
CA, CA GFPPF, CA PPPF	0,10 / 0,22 / 0,45 / 0,80 / 1,00 / 3,00 / 5,00	4, 13, 25, 33, 50	Cellulose Acetate	Proteins in aqueous samples, aqueous samples, oligomers, polymeres, biological macromolecules	Aqueous samples	Organic solvents
GF	0,10 / 0,70 / 1,00 / 1,20 / 1,60 / 2,00 / 2,70	4, 13, 25, 33, 50	Glassfiber	Heavily contaminated samples	Aqueous/non aqueous samples	Benzyl alcohol
MCE, MCE GFPPF, MCE PPPF	0,10 / 0,22 / 0,45 / 0,80 / 1,00 / 3,00 / 5,00	4, 13, 25, 33, 50	Mixed Cellulose Ester (CA/CN)	Hydrophilic for aqueous and polar solutions	Aqueous/non aqueous samples, polar solvents	Acids, bases, esters, ketones....
Nylon, Nylon GFPPF, Nylon PPPF	0,10 / 0,22 / 0,45 / 0,80 / 1,00 / 3,00 / 5,00 / 10,00	4, 13, 25, 33, 50	Nylon	Low extractables, mechanically strong up to 50°C	Aqueous/non aqueous samples, medium polar solvents, Bases, Most HPLC solvents, Alcohols, Aromatic Hydrocarbons, THF	Acids, Aggressive Halogenated hydrocarbons, protein samples (Nylon binds proteins)
PES, PES GFPPF, PES PPPF	0,10 / 0,22 / 0,45 / 0,65 / 0,80 / 1,20 / 2,00	4, 13, 25, 33, 50	Polyethersulphone (PES)	Hydrophilic, very low protein binding. Ion chromatography, high heat resistance	Aqueous/non samples, deluted organic solvents, Strong bases, alcohols, proteins, peptides	Acids, ketones, esters, halogenated or aromatic hydrocarbons
PP	0,10 / 0,22 / 0,45 / 0,80 / 1,00 / 1,20 / 2,00 / 5,00	4, 13, 25, 33, 50	Polypropylene	Hydrophilic, high chemical resistance, low protein binder for use in strong acids and bases	Aqueous/non aqueous samples, acids/bases, general HPLC analysis	MeCl and Chloroform
Hydrophobe (regular) PTFE, PTFE GFPPF, PTFE PPPF	0,10 / 0,22 / 0,45 / 0,80 / 1,00 / 3,00 / 5,00 / 10,00	4, 13, 25, 33, 50	Polytetrafluoroethylene (PTFE)	Hydrophobic, very low extractables, very high chemical resistance, very high thermal stability, Gasfiltration	Non aqueous samples (aqueous after prewetting), unpolar solvents, aggressive solvents, strong acids, alcohols, bases, aromatics	Aqueous samples (require prewetting)
Hydrophile (special) PTFE Hydrophil, PTFE Hydrophil GFPPF, PTFE Hydrophil PPPF	0,22 / 0,45	4, 13, 25, 33, 50	Surface treated PTFE for hydrophile samples	Hydrophilic, very low extractables, very high chemical resistance, very high thermal stability	Aqueous/non aqueous samples, aggressive solvents, strong acids, alcohols, bases, aromatics	
(regular) PVDF, PVDF GFPPF, PVDF PPPF	0,10 / 0,22 / 0,45 / 0,65 / 1,00 / 2,00 / 3,00 / 5,00	4, 13, 25, 33, 50	Polyvinylidene difluoride (PVDF)	Low hydrophilic, low protein binder, broad chemical compability	Aqueous/non aqueous samples, polar and unpolar solvents, alcohols, weak acids, proteins, peptides and other biomolecules	Some strong acids, bases, esters, ethers or ketones
Hydrophile (special) PVDF Hydrophil, PVDF Hydrophil GFPPF, PVDF Hydrophil PPPF	0,22 / 0,45	4, 13, 25, 33, 50	Surface treated PVDF for hydrophile samples	Hydrophilic, low protein binder, broad chemical compability	Aqueous/non aqueous samples, polar and unpolar solvents, alcohols, weak acids, proteins, peptides and other biomolecules	Some strong acids, bases, esters, ethers or ketones
RC, RC GFPPF, RC PPPF	0,22 / 0,45	4, 13, 25, 33	Regenerated Cellulose	Hydrophilic solvent resistant, very low protein binder	Aqueous/non aqueous samples, Proteins, Peptides and other biomolecules	Strong acids, Chloroform, THF