



Polypropylene micro cartridge filters are used for most sensitive sediment filtration in liquid

This filters has six sensitiveness "0,22 / 0,45 / 0,65 / 1 / 3 and 5 micron"

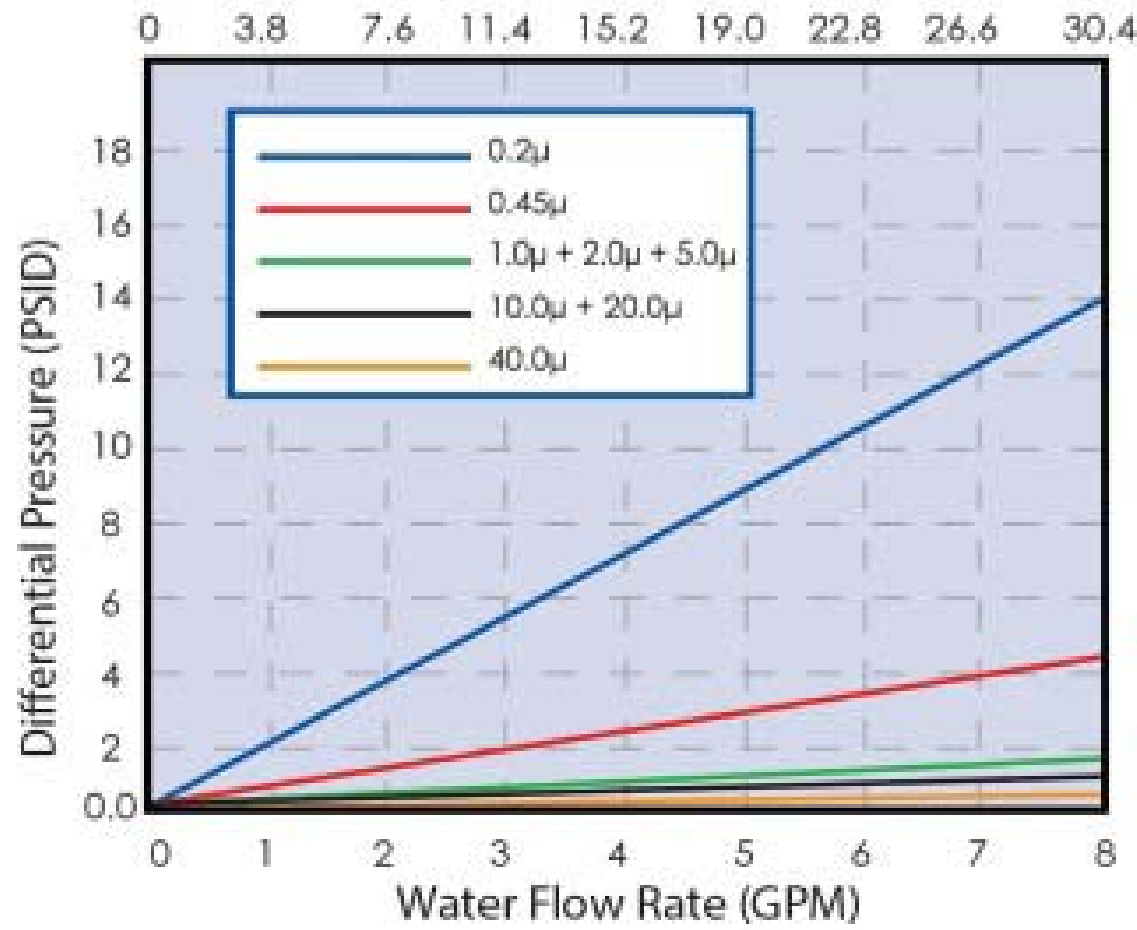
Filter membranes are "Polypropylene (PP), Glass Fiber (GF), Nylon (NY) Teflon (PTFE) Polyethersulfone (PES)

APPLICATION AREAS

- In filtration process flow in chemical industries
- In potable, process, coolant and waste water filtration
- In microfiltration process
- In Oil, milk, juice, and alcoholic beverages filtration in food/beverage industries
- In filtration of industrial oils and hydraulic fluids
- In metal coating, galvanized, nickel and cataphoresis filtration systems
- Residue filtration in paint and varnish production
- In filtration processes in the pharmaceutical and healthcare sector
- In pool water filtration
- In dialysis water systems
- In water treatment, sea water treatment and reverse osmosis systems
- In electronic industry and electrolysis baths
- In refineries and the petrochemical industry
- In solvent production and recycling
- In cosmetic Industries
- In filtration of printing ink and typography filtration processes
- In filtration of solutions and the polymeric liquids
- In filtration needs of biochemical and biotechnological processes
- In filtration needs of nuclear processes
- In power plants and processes related to power generation
- In filtration needs of military facilities and vehicles
- In maritime industries at ships, yachts, shipyards and marinas.
- In filtration needs of plastic injection molding machines
- In recycling process of machine oil, waste oil and fuels
- In storage and transfer plants of liquid chemicals and petroleum
- In air filtration of storage facilities and vent systems
- In typography and ink industry

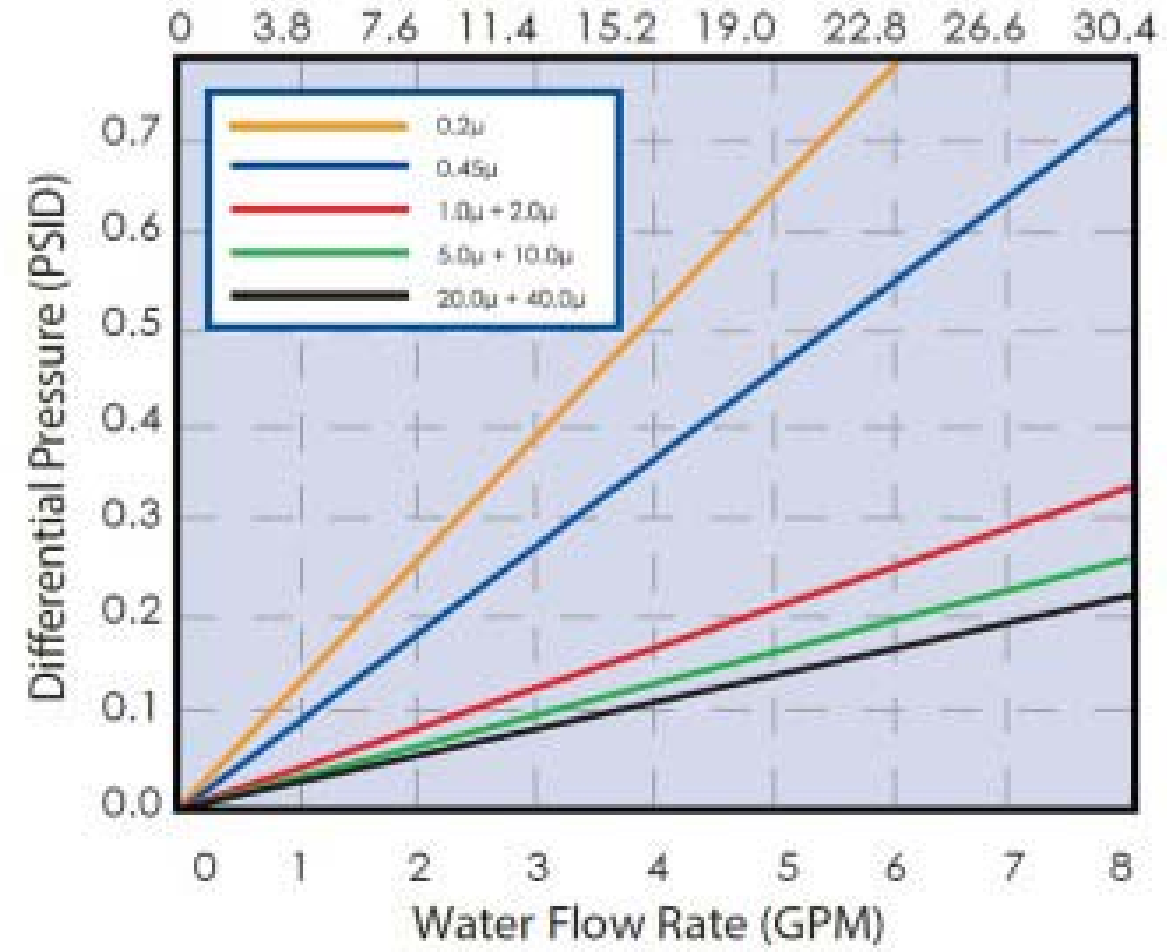
POLYPROPYLENE (PP)

Water Flow Rate (LPM)
(per 10" cartridge)



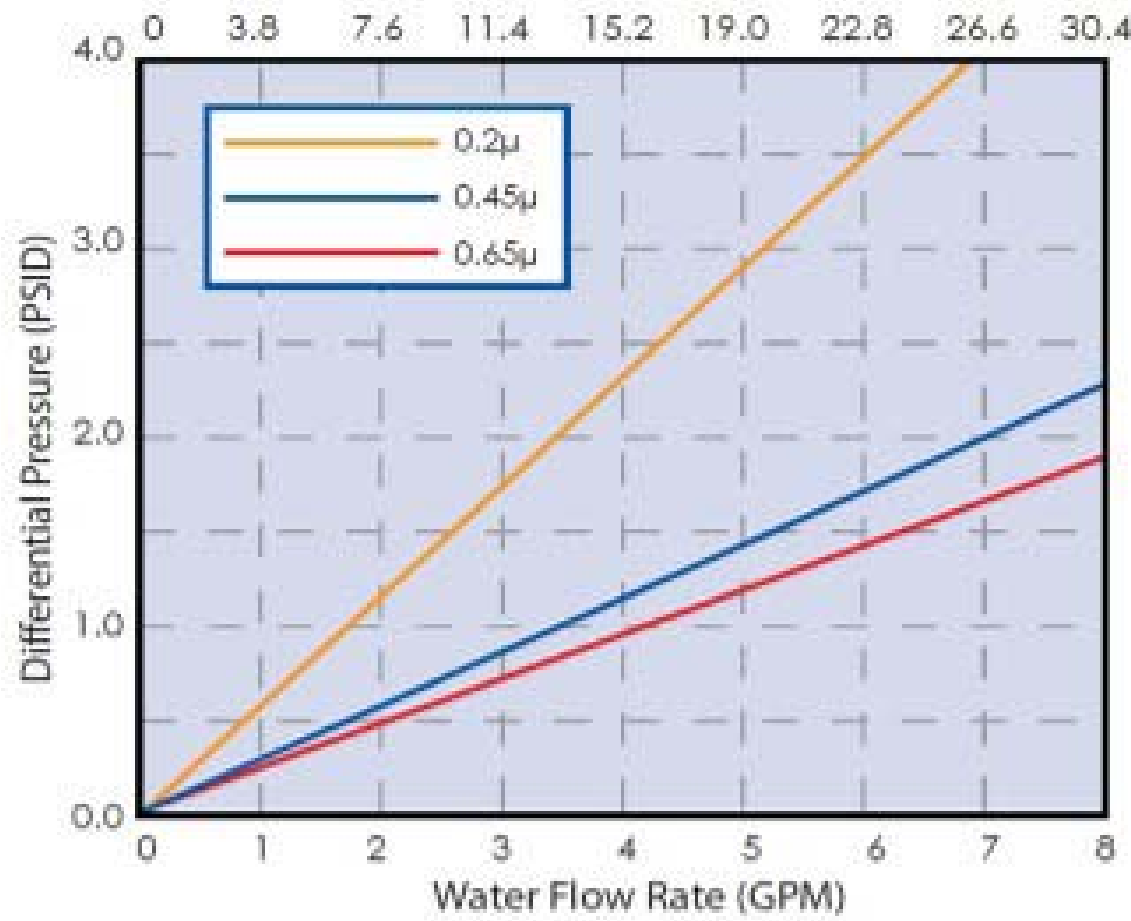
GLASS FIBER (GF)

Water Flow Rate (LPM)
(per 10" cartridge)



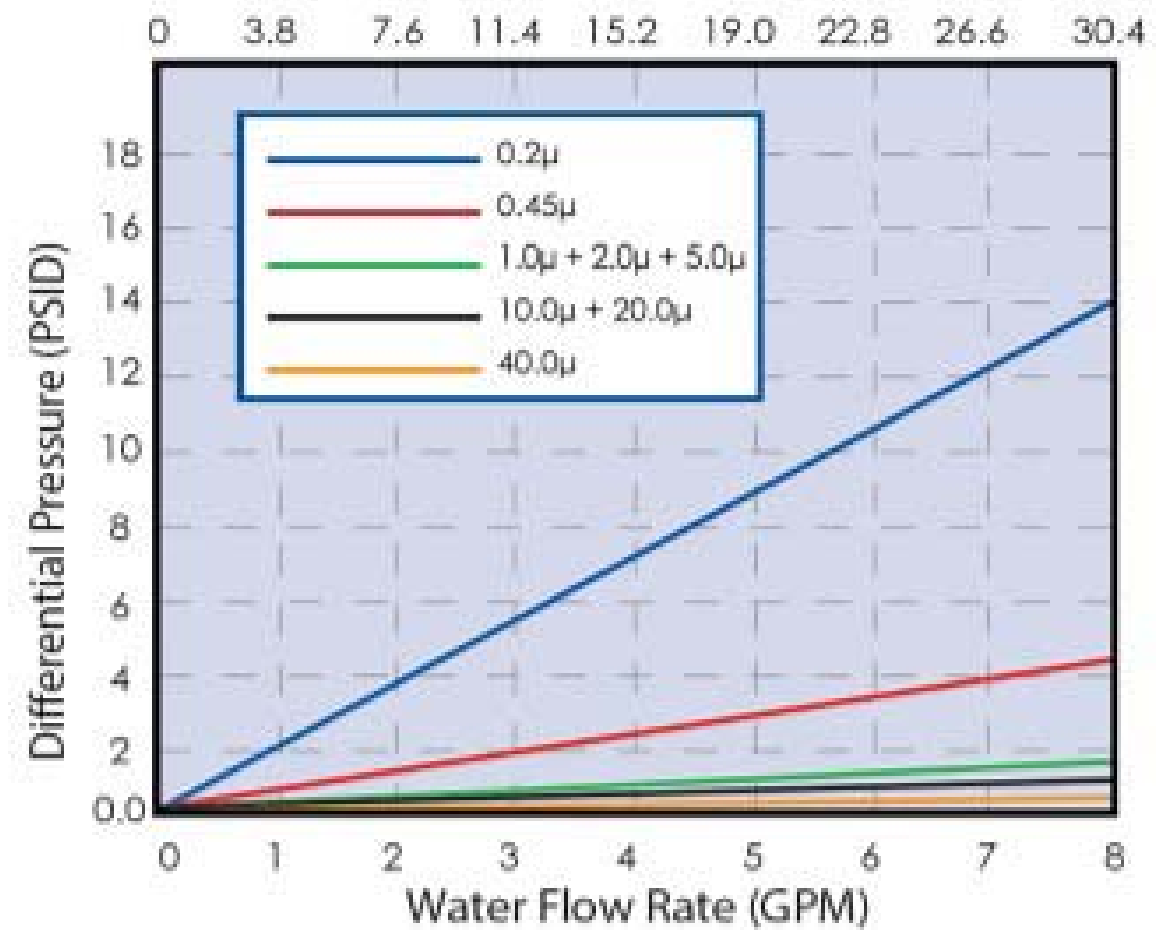
POLYETHERSULFONE (PES)

Water Flow Rate (LPM)
per 10" cartridge

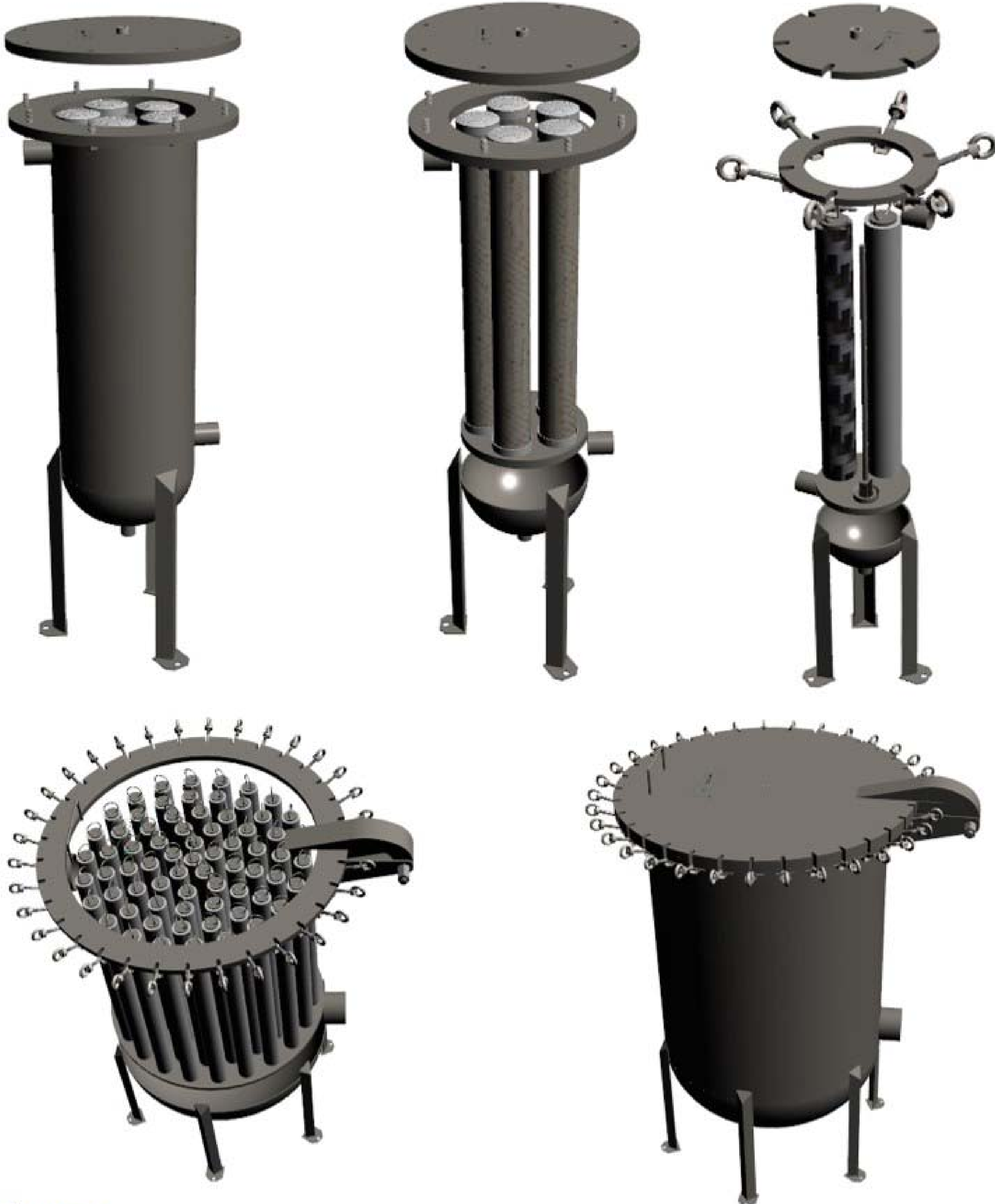


NYLON (NY)

Water Flow Rate (LPM)
(per 10" cartridge)



STAINLESS STEEL MICRO FILTER HOUSINGS



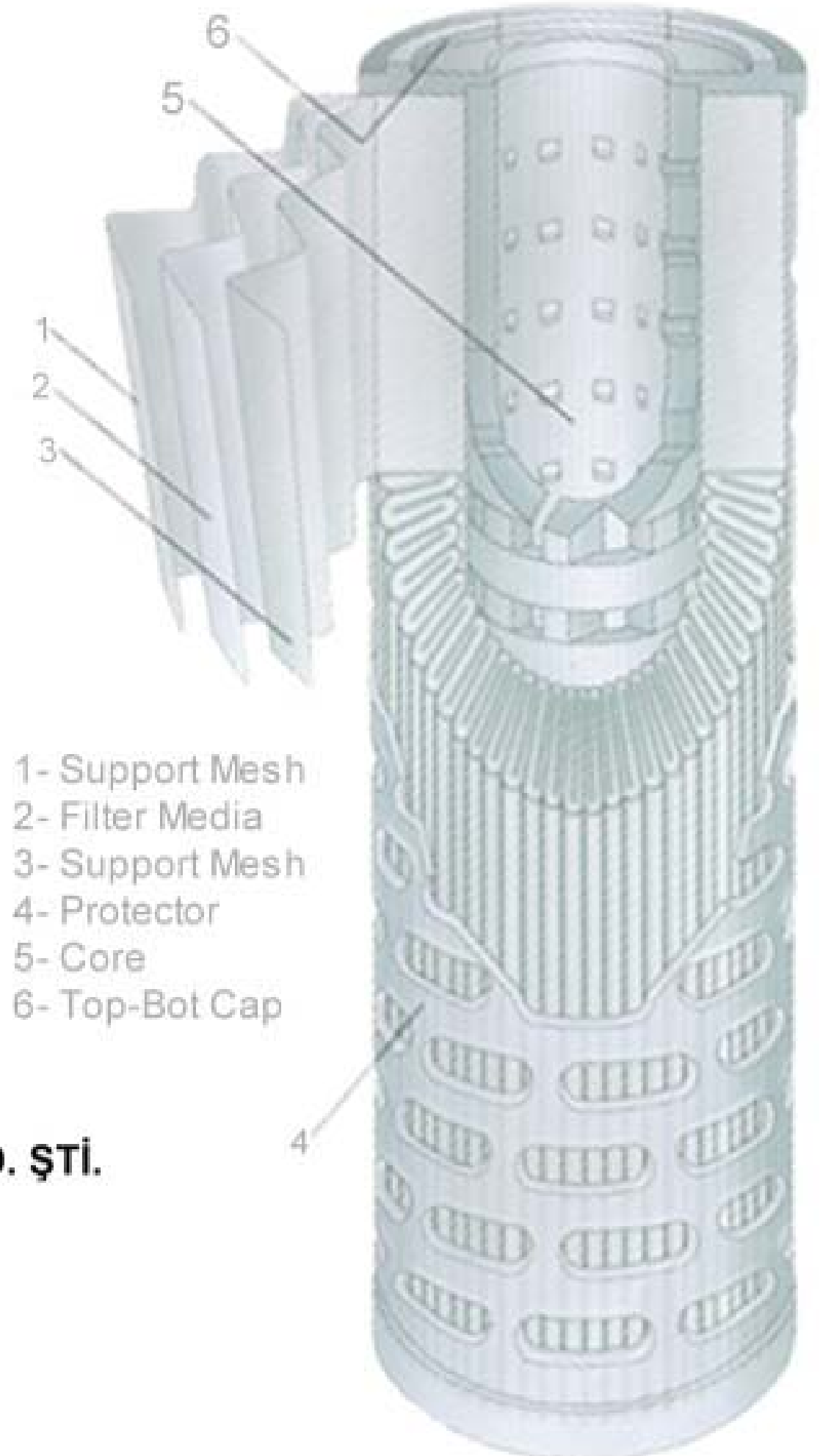


TECNICAL SPECIFICATION TABLE

	Polypropylene (PP)	Glass Fiber (GF)	Nylon (NY)	Polyethersulfone (PES)	Teflon (PTFE)
Size (inch)	5,10,20,30,40,50,60,70,80	5,10,20,30,40	5,10,20,30,40	5,10,20,30,40	5,10,20,30,40
Filtration Surface	0,5 m2 per 10" filter	0,55m2 per 10" filter	0,65m2 per 10" filter	0,55m2 per 10" filter	0,75m2 per 10" filter
Outer Diameter (mm)	64	69 +/- 1	69	69	69
Micron	0,22 / 0,45 / 0,65 / 1 / 3 / 5 / 10	0,5 / 1 / 5 / 10 / 20 / 25 / 50 / 100	0,22 / 0,45 / 0,65 / 1	0,11 / 0,22 / 0,45	0,22 / 0,45 / 0,65 / 1
Operating Temperature	Max. 80°C	Max. 120°C	Max. 80°C	Max. 80°C	Max. 95°C
Operating Pressure	Max. 5 Bar 25°C, 1,5 bar 80°C	Max. 4 Bar 25°C	Max. 5 Bar 25°C	Max. 5 Bar 25°C	Max. 5 Bar 25°C
Filter Materials	Polypropylene	Polypropylene	Polypropylene	Polypropylene	Polypropylene
Filter Membran	Polypropylene	Glass Fiber	Nylon	Polyethersulfone	Teflon
Filter Core	Polypropylene	Polypropylene	Polypropylene	Polypropylene	Polypropylene
Filter O-rings	EPDM, Silicon, Viton, NBR	EPDM, Silicon, Viton, NBR	EPDM, Silicon, Viton, NBR	EPDM, Silicon, Viton, NBR	EPDM, Silicon, Viton, NBR
Top Gaskets	222-O-ring - End Cap 226 O-ring - End Cap 222 O-ring - Spear Cap 226 O-ring - Spear Cap	222-O-ring - End Cap 226 O-ring - End Cap 222 O-ring - Spear Cap 226 O-ring - Spear Cap	222-O-ring - End Cap 226 O-ring - End Cap 222 O-ring - Spear Cap 226 O-ring - Spear Cap	222-O-ring - End Cap 226 O-ring - End Cap 222 O-ring - Spear Cap 226 O-ring - Spear Cap	222-O-ring - End Cap 226 O-ring - End Cap 222 O-ring - Spear Cap 226 O-ring - Spear Cap
Bot Gaskets	Double Open End Double Open End Gasket Double Open End Cap Flat Gasket	Double Open End Double Open End Gasket Double Open End Cap Flat Gasket	Double Open End Double Open End Gasket Double Open End Cap Flat Gasket	Double Open End Double Open End Gasket Double Open End Cap Flat Gasket	Double Open End Double Open End Gasket Double Open End Cap Flat Gasket

FLOW RATE TABLE

	0,22 MICRON	0,45 MICRON	0,65 MICRON
Polypropylene (PP)	420L/h (25°C,3 Bar)	720L/h (25°C,2,2 Bar)	900L/h (25°C,1,4 Bar)
Glass Fiber (GF)	500L/h 10" için		
Nylon (NY)	420L/h (25°C,3 Bar)	720L/h (25°C,2,2 Bar)	900L/h (25°C,1,4 Bar)
Polyethersulfone (PES)	420L/h (25°C,3 Bar)	720L/h (25°C,2,2 Bar)	
Teflon (PTFE)	420L/h (25°C,3 Bar)	720L/h (25°C,2,2 Bar)	900L/h (25°C,1,4 Bar)



BOX / DIMENSIONS SIZE TABLE

Box Size	Case Weight	Height	Beam	Length	Number of Filters	
20 inch	630 gram	375 mm	315 mm	570 mm	10 inch 50	20 inch 25
30 inch	885 gram	370 mm	300 mm	785 mm	25	
40 inch	1295 gram	365 mm	330 mm	1050 mm	25	

**PROSES TİCARET İMALAT MÜHENDİSLİK
ENDÜSTRİYEL MADDE VE MALZEME İMALATI İNŞAAT VE SANAYİ LTD. ŞTİ.**
Taşköprü Sanayi Sitesi, 5.yol, No:2-12 Taşköprü – YALOVA / TÜRKİYE
Tel : +90 226 353 35 70 pbx
Fax : +90 226 353 35 71
www.filtre.com.tr | www.prosestim.com
E-mail: proses@proses-tim.com | satis@proses-tim.com

