

PP Polypropylene Melt-Blown Filter Element



PP melt-blown filter element

Bore size	2.5 inches	5 inches	10 inches	20 inches	30 inches	40 inches
External diameter	28/30mm	28/30mm	28/30mm	28/30mm	28/30mm	28/30mm
Length	63.5mm	127mm	254mm	508mm	762mm	1016mm
Water treatment capacity	0.125t/h	0.25t/h	0.5t/h	1t/h	1.5t/h	2t/h
Filter precision	1-100um	1-100um	1-100um	1-100um	1-100um	1-100um
Packing quantity	200 units per box	100 units per box	50 units per box	25 units per box	25 units per box	25 units per box
Other parameters	Common market precision: lum, 3um, 5um, 10um, 20um, 50um, 100um					
	Common interface configurations: flat socket with skeleton, flat socket without skeleton, 222 triangular tip, 226 semi-circular fin, 222 small flat seal, etc.					
	Supports non-standardized customization for various specifications					

PP Wound Filter Element



PP wire-wound filter element

Specifications	10 inches	20 inches	30 inches	40 inches
Bore size	28/30mm	28/30mm	28/30mm	28/30mm
External diameter	60/63mm	60/63mm	60/63mm	60/63mm
Length	254mm	508mm	762mm	1016mm
Water treatment capacity	0.5t/h	1.0t/h	1.5t/h	2t/h
Filter precision	1-100um	1-100um	1-100um	1-100um
Packing quantity	50 units per box	25 units per box	25 units per box	25 units per box
Other parameters	Common market precision: lum, 3um, 5um, 10um, 20um, 50um, 100um			
	Common interface configurations include flat pressure, 222 triangular tip, 226 semi-circular fin, and 222 small flat seal.			
	Supports non-standardized customization for various specifications			

PP Microporous Folded Filter Element



PP microporous folded filter element

Specifications	2.5 inches	5 inches	10 inches	20 inches	30 inches	40 inches
Bore size	32mm	32mm	32mm	32mm	32mm	32mm
External diameter	68mm	68mm	68mm	68mm	68mm	68mm
Length	63.5mm	127mm	254mm	508mm	762mm	1016mm
Water treatment capacity	0.125t/h	0.25t/h	0.5t/h	1t/h	1.5t/h	2t/h
Filter precision	0.1-100um	0.1-100um	0.1-100um	0.1-100um	0.1-100um	0.1-100um
Packing quantity	200 units per box	100 units per box	50 units per box	25 units per box	25 units per box	25 units per box
Other parameters	Market general precision: 0.1um, 0.22um, 0.45um, 1um, 5um, 10um					
	Common interface configurations include: flat pressure, 222 triangular tip, 226 semi-circular fin, 215 flat seal, and M20/M30 threaded flat seal.					
	Supports non-standardized customization for various specifications					

High Flux Filter Element



High flux filter core

Specifications	10 inches	20 inches	30 inches	40 inches	60 inches
Water treatment capacity	10t/h	20t/h	30t/h	40t/h	60t/h
Filter precision	0.1-100um	0.1-100um	0.1-100um	0.1-100um	0.1-100um
Packing quantity	16 units per box	8 units per box	4 pieces per box	4 pieces per box	2 units per box
Other parameters	Common market precision: 0.1um, 0.45um, 1um, 5um, 10um, 20um, 50um, 100um				
	Common interface configurations include: Peltier type, Parker type (single/double loop), 3M type, threaded type, and Fisfor type.				
	Supports non-standardized customization for various specifications				

Polyether sulfone PES pleated filter element



Polyether sulfone (PES) folded filter element

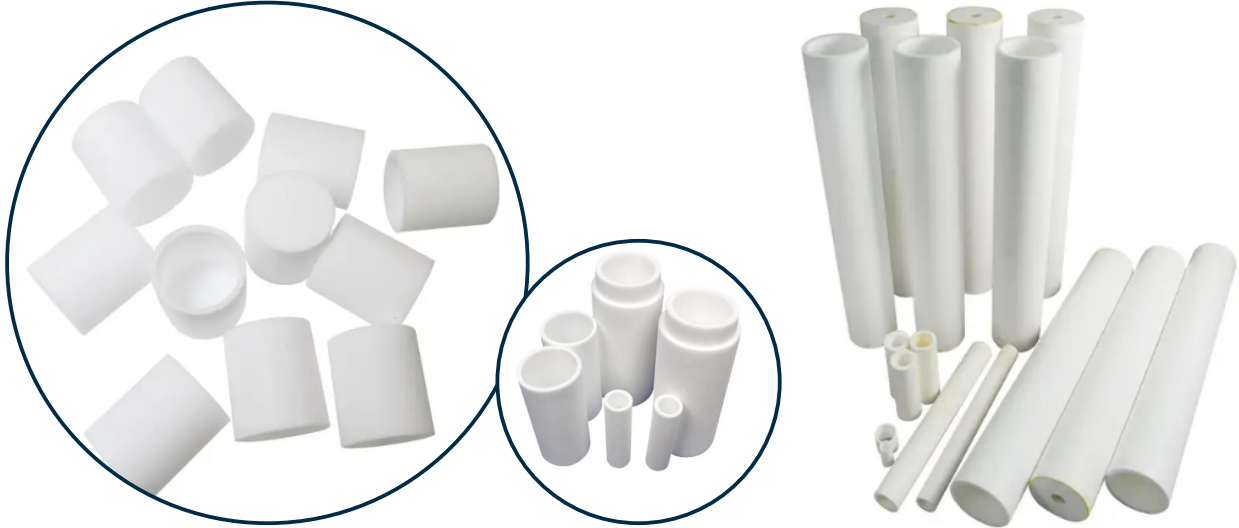
Specifications	2.5 inches	5 inches	10 inches	20 inches	30 inches	40 inches
Bore size	32mm	32mm	32mm	32mm	32mm	32mm
External diameter	68mm	68mm	68mm	68mm	68mm	68mm
Length	63.5mm	127mm	254mm	508mm	762mm	1016mm
Handling capacity	0.125t/h	0.25t/h	0.5t/h	1t/h	1.5t/h	2t/h
Filter precision	0.01-10um	0.01-10um	0.01-10um	0.01-10um	0.01-10um	0.01-10um
Packing quantity	200 units per box	100 units per box	50 units per box	25 units per box	25 units per box	25 units per box
Other parameters	Market general precision: 0.01um, 0.1um, 0.22um, 0.45um, 1um, 5um, 10um					
	Common interface configurations: flat pressure, 222 triangular tip, 226 triangular tip, 215 flat seal, etc.					
	Supports non-standardized customization for various specifications					

PA Sintered Filter Element



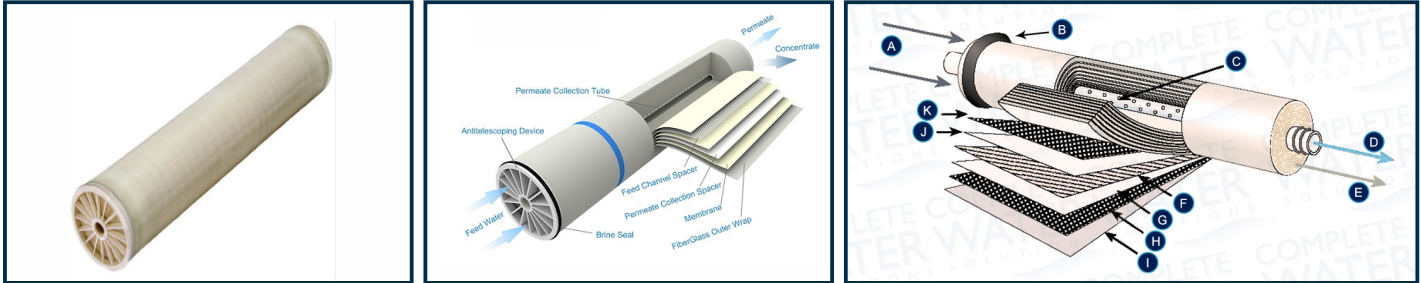
Name	Material	Specifications	Longest	Filter area (m)	Filter type	Working temperature (°C)	Pressure (MPa)	Backwash pressure (Mpa)	Filter precision (µm)
Microporous filter tube	PA	31*15	1500	0.097/m	External filtration	80-100	0.2	0.4-0.6	0.35-100
Microporous filter tube	PA	31*20	1500	0.097/m	External filtration	80-100	0.2	0.4-0.6	0.35-100
Microporous filter tube	PA	38*15	3000	0.119//m	External filtration	80-100	0.2	0.4-0.6	0.35-100
Microporous filter tube	PA	31*20	3000	0.119//m	External filtration	80-100	0.2	0.4-0.6	0.35-100
Microporous filter tube	PA	48*20	2000	0.150/m	External filtration	80-100	0.2	0.4-0.6	0.35-100
Microporous filter tube	PA	48*32	2000	0.150//m	External filtration	80-100	0.2	0.4-0.6	0.35-100
Microporous filter tube	PA	65*32	2000	0.204/m	External filtration	80-100	0.2	0.4-0.6	0.35-100
Microporous filter tube	PA	65*44	2000	0.204/m	External filtration	80-100	0.2	0.4-0.6	0.35-100
Microporous filter tube	PA	80*32	1000	0.251/m	External filtration	80-100	0.2	0.4-0.6	0.35-100
Microporous filter tube	PA	80*44	1000	0.251/m	External filtration	80-100	0.2	0.4-0.6	0.35-100
Microporous filter tube	PA	95*44	1000	0.298//m	External filtration	80-100	0.2	0.4-0.6	0.35-100
Microporous filter tube	PA	95*72	1000	0.298/m	External filtration	80-100	0.2	0.4-0.6	0.35-100
Microporous filter tube	PA	120*100	1000	0.376//m	External filtration	80-100	0.2	0.4-0.6	0.35-100
Microporous filter tube	PA	150*112	1000	0.471/m	External filtration	80-100	0.2	0.4-0.6	0.35-100
Microporous filter tube	PA	205*150	1000	0.643/m	External filtration	80-100	0.2	0.4-0.6	0.35-100

PE Sintered Filter Element



Name	Material	Specifications	Longest	Filter area (m)	Filter type	Working temperature (°C)	Pressure (MPa)	Backwash pressure (Mpa)	Filter precision (μm)
Microporous filter tube	PE	31*15	1500	0.097/m	External filtration	80-100	0.2	0.4-0.6	0.35-100
Microporous filter tube	PE	31*20	1500	0.097/m	External filtration	80-100	0.2	0.4-0.6	0.35-100
Microporous filter tube	PE	38*15	3000	0.119/m	External filtration	80-100	0.2	0.4-0.6	0.35-100
Microporous filter tube	PE	31*20	3000	0.119/m	External filtration	80-100	0.2	0.4-0.6	0.35-100
Microporous filter tube	PE	48*20	2000	0.150/m	External filtration	80-100	0.2	0.4-0.6	0.35-100
Microporous filter tube	PE	48*32	2000	0.150/m	External filtration	80-100	0.2	0.4-0.6	0.35-100
Microporous filter tube	PE	65*32	2000	0.204/m	External filtration	80-100	0.2	0.4-0.6	0.35-100
Microporous filter tube	PE	65*44	2000	0.204/m	External filtration	80-100	0.2	0.4-0.6	0.35-100
Microporous filter tube	PE	80*32	1000	0.251/m	External filtration	80-100	0.2	0.4-0.6	0.35-100
Microporous filter tube	PE	80*44	1000	0.251/m	External filtration	80-100	0.2	0.4-0.6	0.35-100
Microporous filter tube	PE	95*44	1000	0.298/m	External filtration	80-100	0.2	0.4-0.6	0.35-100
Microporous filter tube	PE	95*72	1000	0.298/m	External filtration	80-100	0.2	0.4-0.6	0.35-100
Microporous filter tube	PE	120*100	1000	0.376/m	External filtration	80-100	0.2	0.4-0.6	0.35-100
Microporous filter tube	PE	150*112	1000	0.471/m	External filtration	80-100	0.2	0.4-0.6	0.35-100
Microporous filter tube	PE	205*150	1000	0.643/m	External filtration	80-100	0.2	0.4-0.6	0.35-100

Reverse Osmosis Membrane Element



class	Specifications and models	Effective membrane area ft ² (m)	Water production (GPD, m/d)	Ratio of desalination	Test conditions: 25τ, pH 7-8		
					NaCl concentration in ppm	Test pressure ps (Mpa)	Percent recovery (%)
Extremely low pressure	8040-XLE440	440(41)	12700(48)	≥99%	500	100(0.69)	15
	8040-XLE	400(37.2)	11550(44)				
	4040-XLE	94(8.7)	2700(10.3)				
Low pressure	8040-LE	400(37.2)	11550(44)	≥99.2%	1500	150(1.03)	
	4040-LE	94(8.7)	2700(10.3)				
Brackish water	8040-BW	400(37.2)	10500(40)	≥99.5%	2000	225(1.55)	
	4040-BW	94(8.7)	2450(9.3)				
Antipollution	8040-BWFR	400(37.2)	10500(40)	≥99.5%	2000	225(1.55)	
	4040-BWFR	94(8.7)	2450(9.3)				
	8040-XFR	400(37.2)	11500(44)	≥99.65%	2000	225(1.55)	
	4040-XFR	94(8.7)	2700(10.3)				

class	Specifications and model	Effective membrane area ft ² (m ²)	Water yield GPD(m ² /d)	Ratio of desalination	Test conditions: 25τ, pH 7-8		
					NaCl concentration in ppm	Test pressure psi (Mpa)	Percent recovery (%)
Desalination plant	8040-SW	400(37.2)	7000(26)	≥99.8%	32000	800(5.5)	8
	4040-SW	94(8.7)	1650(6.0)				
	8040-SWLE	400(37.2)	8000(30)	≥99.7%			
	4040-SWLE	94(8.7)	1850(7.0)				
	8040-SWXLE	400(37.2)	9000(34)	≥99.6%			
	4040-SWXLE	94(8.7)	2100(8.0)				

class	Specifications and model	Effective membrane area ft ² (m)	Water yield GPD(m ² /d)	Ratio of desalination	Test conditions: 25τ, pH 7-8			
					Test liquid	Test pressure psi (MPa)	Percent recovery (%)	
Nephrofiltration	8040-NF90	400(37.2)	7500(40)	85~95%	2000ppmNaCl	70(0.48)	15	
			10000(38)	≥98%				
	4040-NF90	94(8.7)	1750(9.4)	85~95%				2000ppmMgSO ₄
			2350(8.9)	≥98%				
	8040-NF200	400(37.2)	11000(42)	35~60%				2000ppmNaCl
			12000(45)	≥98%				
	4040-NF200	94(8.7)	2550(9.8)	35~60%				2000ppmMgSO ₄
			2800(10.5)	≥98%				
	8040-NF500	400(37.2)	13000(49)	≥90%				2000ppmMgSO ₄
	4040-NF500	94(8.7)	3050(11.5)	≥90%				2000ppmMgSO ₄