



PURE LIFE

Manufacturing Filters & RO Systems



WE ARE YOUR CLEAR CHOICE
It Can Be Seen In Everything We Do





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OVERVIEW

Pure Life Filters is a rapidly developing company that manufactures high quality water filters, located in Egypt, at the Public Free Zone of Damietta. Pure Life is a Totally Egyptian Investment

Pure Life is specialized in designing and manufacturing top quality water filters.

Using the latest technologies in the field we deliver high quality filters, that operate optimally with water of diverse degrees of salinity, consequently reducing operational cost.

Our high quality is supported with certificates, such as the NSF International certification.



ABOUT US

Pure Life Filters is a rapidly developing company that manufactures high quality water filters and housings, Ceramic Flat Membrane (CFM) Systems And Ceramic Membrane Filter Elements using the latest technologies in the field.

With the factory and the central office located in Public Free Zone area of Damietta in Egypt, but also with presence in KSA and EU, our company's vision is to expand and export all over the world, getting an appreciable share of the worldwide market.

Our products are used in various applications and industries.

Those industries include: Water Treatment, Food & Beverage, Pharmaceutical, Oil & Gas, RO Plants and others.

Moreover, our high production speed, capability and flexibility can satisfy even the most demanding needs of our customers.

POLICY

Mission

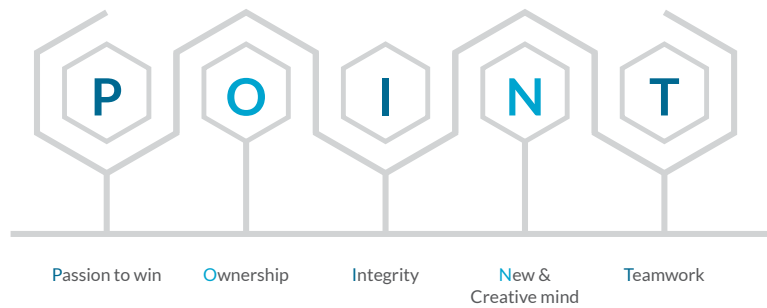
To use the latest technologies in the field of water treatment, responsibly providing top quality products in the field of water filtration.

Vision

To become the Number One Innovator and Manufacturer in the field of Water Filtration.



Core Value



INDUSTRIES





PURE LIFE

Manufacturing Filters & RO Systems

Industrial Filters



CMB

Melt-Blown PP Filter Cartridge



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Melt blown cartridge is formed by melting pure polypropylene with heat.

This type of cartridge filter is suitable for pre-filtration and it's usually used as a "security filter" before ultra filtration membrane.



CHARACTERISTICS

-The filter cartridge consists of three layers of heat-melted polypropylene. Compared to mono-layer filters, its life lasts much longer, therefore, the maintenance cost is reduced drastically.

- Using the light heating way for PP fibre, it can reduce the filtering resistance a lot and increase the water flow.

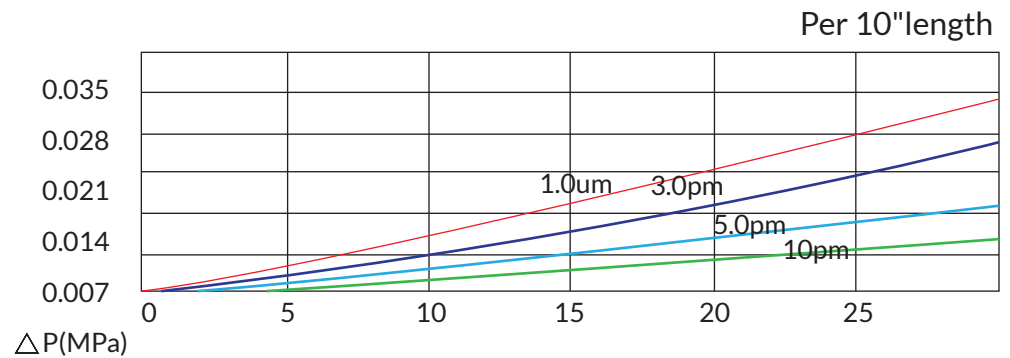
-As the filter cartridge is only made from polypropylene, it provides resistance to chemical reagents and organic solvents.

APPLICATIONS

- Filtering for plating solutions of electronic products, waste water, liquid medicine and pure water.
- Pre-filtering for various ultra filtration.
- Filtering water for medical purposes, and water treatment in chemical field.
- Filtering water used in the Food & beverage production.
- Pre-filtering before RO and UF, as long as various other treatment for industrial purposes.

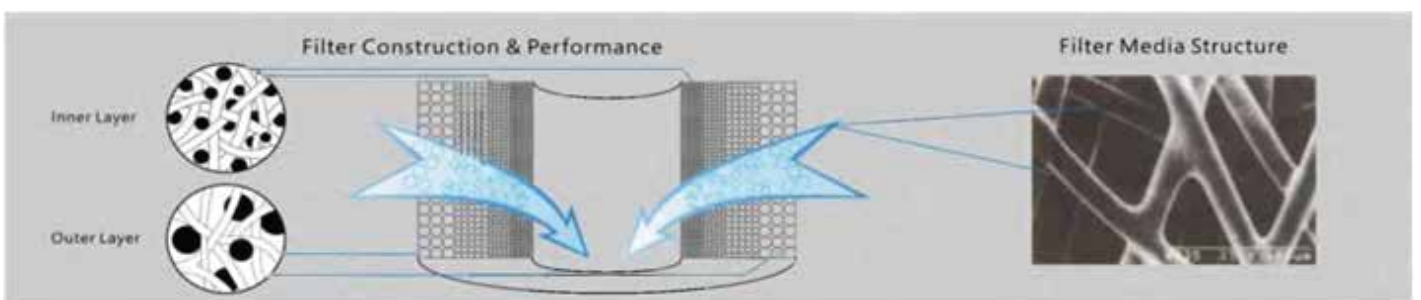


Item	Specification
Temperature	<60°C,(ΔP : 0.03MPa)
	<90°C,(ΔP : 0.02MPa)
Flow Rate	0.05-0.09 m2 per 10 inch
(60°C) AP(MAX)	O.IMPa/O.IMPa inpouring
	0.06MPa/0.06MPa outpouring
Hot-Water Sterilizing	70°C/30min
PH	1-13



PRODUCTS CODE TABLE

Item	Precision	Length	OD	ID	Inner Core	Surface	Code Eg.
CMB	01:1um	05:127±1.5mm	A:45mm	1:28mm	N:no core	F:flat	CMB -01-10M-25-1-N-F
	05:5um	10M:250±1.5mm	B:55mm	2:30mm	W:with core	O:orange	
	10:10um	10I:10"(254±1.5mm)	25:2.5"(63.5mm)	3:20mm		E:embossing	
	20:20um	20M:500±1.5mm	45:4.5"(115mm)			P:point	
	30:30um	20I:20"(508±1.5mm)					
	50:50um	30M:750±2mm					
		30I:30"(762±2mm)					
		40M:1000±2mm					
		40I:40"(1016±2mm)					
		50I:50"(1270mm)					
	70I:70"(1778mm)						



CMB Series

**Melt blown Fabric for Medical Face mask
BFE95,BFE98,BFE99 Meltblown**



face masks made of BFE99% melt-blown nonwoven fabric can effectively block the spread of bacteria.

The Overview of BFE 95,BFE98,BFE99 Meltblown

We can provide different standard melt blown used for different products, especially the 20g/sm-30g/sm BFE 99% melt blown are widely used to produce medical face masks, surgical face masks, and sell very well and popular in different industries field, face masks made of BFE99% melt-blown nonwoven fabric can effectively block the spread of bacteria.

It avoids cross-infection among people and the spread of various bacteria in different seasons. It can also effectively prevent pollen allergy and reduce the harm of harmful object to human body. It is favored by doctors, nurses and other medical workers.



The Specification of BFE95%,BFE98%, BFE99% Meltblown

weight: 10g/sm-150g/sm	width : 17.5 cm - 26 cm or as per request	Machine Type: Imported
colors: white	length: by request	Packing: PE bag+Wrap Film
material: 100% virgin PP	width tolerance: +3mm	Weight Tolerance: +1.0 g/sm
loading port damitta, egypt	20GP/40HQ Q'TY: 4 tons/10.5Tons	Brand Name: CMB
certificate: Eurofins Europe - MSDS	MOQ: white 1 Ton for Trial Order	Supply Ability: 500 T/Month
Application: surgical face masks, home application	Type of Test Standard: EN14683.2014 ASTM: F2100-04	Test Standard: USA Standard
aerosol: nacl & paraffin oil	Test Machine: TSI 8130	Test Flow Rate: 32 LPM Naci
resistance (mmH20)	20g/sm<4.0, 30g/sm<6.5, 40g/sm<8.0	

Grade	MB weight (g/m ²)	Filter efficiency (%)	Pressure lose (mmAq)	TEST
BFE 95	20	95	2.2	NaCl, 321/min
BFE 99	22	99.8	2.5	NaCl, 321/min
N95	25	99.8	11.0	NaCl, 851/min
N99	25	99	13.0	NaCl, 851/min
Respirator P2	35	94	15.0/12.0	Paraffin, 951/min
Respirator P1	30	80	13.0/9.0	Paraffin, 951/min

Measurement Instrument : TSI 8130, Particle Size : 0.3 microns

Grade	MB weight (g/m2)	Filter efficiency (%)	TEST
RL3	22	99.9	Diethyl Phthalate, 851/min
RL2	20	95	Diethyl Phthalate, 851/min
RL1	25	80	Diethyl Phthalate, 851/min

Product Features

Pure life supplies filter material for face masks and respirators. The main applications are for surgical use and labor-protective uses. Our meltblown for surgical face masks meet EN14683, BFE 99% above, too. The meltblown material for dust proof respirators meets European EN 149:2001 and American NIOSH42 CFR-84. They can be used to manufacture face mask or standard N95, N99, N100, R95, R99. Our meltblown has the special characteristics of high efficiency, light weight, low resistance, long-lasting bacteria filtration, and high penetration resistance. These kinds of meltblown are all eco-friendly, breathable, anti-tear, water materials conform to the standard EN14683:2003, ASTM F2100-2004, EN14683:2014, and will be tested by TSI 8130.



Product Application

pure life face masks, medical face masks.

BFE 95.98.99

Our meltblown can meet US test standard ASTM F2100-2004 and European standard EN14683-2014, and can be produced according to the customer specified index. And we have our import test machine TSI8130, all of the meltblown we produced must be tested and meet our clients' requirements before being delivered.

Product Types

We can provide different standards of meltblown used for different products, especially the 20g/sm-25g/sm BFE 99 meltblown, which are widely used to produce medical face masks that sell very well and are popular in different countries.

BFE 95%	40g/sm-60g/sm Breath Resistance <8.0mm H2O
BFE 98%	30g/sm-40g/sm Breath Resistance <6.0mm H2O
BFE 99%	20g/sm-30g/sm Breath Resistance <4.0mm H2O
55 LPM. Paraffin Oil & Naci, EN14683-2014, ASTM F2100-2004	

Process Description

Meltblown is produced in a process where polypropylene granules are melted and molten polymer is extruded through spinnerets. The continuous filaments are cooled and deposited on to a conveyor belt to form a uniform web. The calendering uses heat and high pressure applied through rollers to weld the fiber webs together at speed. This results in a soft, uniform, meltblown material.



1- Infunde the grainy type polypropylene into the pond



2- Polypropylene is conveyed to the inside of the machine body and melt



3- Cut off the edges on both sides, eventually become a non woven coiled material.



4- The melt pp will be delivered to the spinning pump and spin, fine draw, the melt pp changes into superfine fiber. the temperature of the superfine fiber is cooled by the side cold air and it will be further stretched during cooling.



4- the stretched superfine fiber is transferred to the web former. forming the embryonic form of non woven pp meltblown fabric.



5- the non woven fiber web transferred to calender by net screen and will be pressed by calender, rolling up the completed meltblown fabric rolls.

PPW

PP Yarn Filter Cartridge

CHARACTERISTICS

PP String Wound filter cartridge consists of a core wound tightly with PP textile fibre in order to form filters that may vary in filtration precision, according to the density of the string during winding. This type of filter can remove the suspended particles in liquids. Pure Life String Wound filters provide high quality depth filtration. It can also be manufactured by many types of material in order to meet different needs or types of liquids..



APPLICATIONS

- Food & beverage industry.
- Cosmetics industry.
- Pharmaceutical industry.
- Fishing industry.
- Processed water.
- Reverse Osmosis Pre-treatment
- Water-based solutions.
- Solar heating industry.
- Petrochemical industry .

PHYSICAL PROPERTIES

Filtering medium: Polypropylene

Core: Polypropylene, stainless steel

Filtering grades: 1, 5, 10, 25, 50 μm

Length (inches): 10", 20", 30", 40", 50", 70"

External diameter: 60 mm

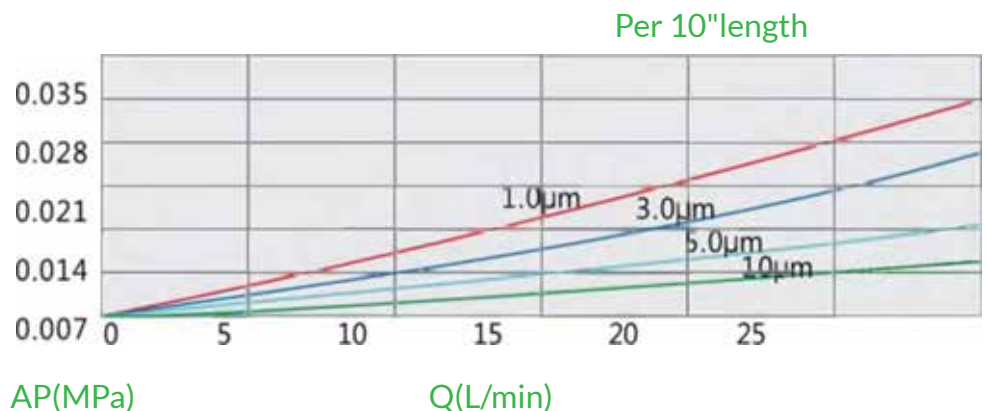
Internal diameter: 28 mm

Maximum operating temperature: 80°C

Differential pressure for replacement: 1.2 bar at 20°C

Coupling: Double Open End

Packaging: Cardboard boxes on pallets



DEPTH FILTRATION

To achieve depth filtration Pure Life's filter media is thicker in depth with pores smaller, equal or greater than the particles that need to be retained. That way even particles that are smaller than the surface pores can be retained. Depth filtration is much better contrary to simple surface filtration. Media that offer surface filtration, have essentially smaller pores, than the particles they need to retain. That way particles are retained in the surface area of the filter and the media becomes more vulnerable to escaping of particles or breaking.



PRODUCTS CODE TABLE

Item	Material	Precision	Length	Inner Core Material	OD	ID	Code Eg.
PPW	P:PP line	01:1um	10M:250±1.5mm	P:PP	25:2.5"(63.5mm)	1:28mm	PPW-P-01-10M-P-25-1
	C:Cotton	05:5um	10I:10"(254±1.5mm)	S:304	45:4.5"(115mm)	2:30mm	
		10:10um	20M:500±1.5mm	T:316			
		20:20um	20I:20"(508±1.5mm)	F:Stainless iron			
		30:30um	30M:750±2mm				
		50:50um	30I:30"(762±2mm)				
		75:75um	40M:1000±2mm				
		1H:100um	40I:40"(1016±2mm)				
		1H:100um	50I:50"(1270mm)				
	1H:100um	70I:70"(1778mm)					



Pleated Filter

PP Pleated Filter Cartridge

MATERIAL AND CONSTRUCTION

- The filtering media is combined with ultra fibre membrane (belongs to depth filtration) and a guidance layer, which offers high resistance to pollutants.

The end caps, outer shell and inner core are all made of pure polypropylene.

- Pleated laves can enlarge the permitted concentration of pollutants, increase the water flow and expand the filter's life. All the parts are sealed into a complete unit via sweating soldering without any adhesive.

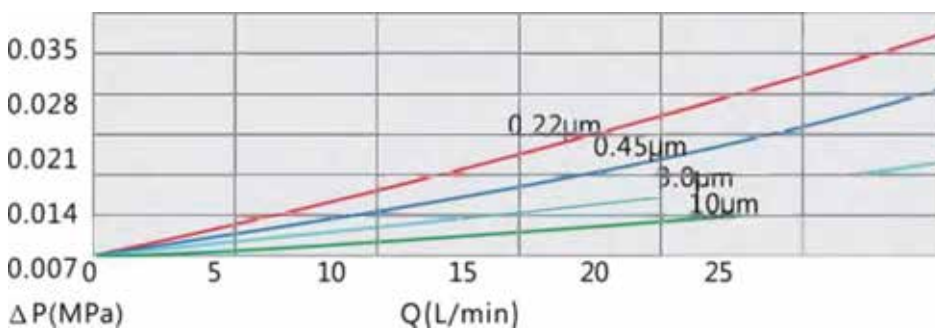


APPLICATIONS

- Electronic industry: Pre-filtering ultrapure water.
- Food & beverage industry: Filtering mineral water, liquor, juice, etc.
- Medical industry: Filtering liquid medicine, gas, etc.
- Chemical industry: Filtering organic solvents.
- Oil industry: Filtering oil-field effusion.



Per 10" Length



Item	Specification
Temperature	<60°C, (Δp : 0.03MPa)
	<90°C, (ΔP : 0.02MPa)
Flow Rate	0.3T/H • 10"
(60°C)	0.1 MPa/0.1 MPa inpouring
Δp (MAX)	0.06MPa/0.06MPa outpouring
Steam Sterilizing	121°C/30min





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PRODUCTS CODE TABLE

Item	Precision	Adaptor	O-ring	Length	Material	Code Eg.
TPP	02:0.2um	0:2-222	S:Silicon	1:10"	PV:PP	TPP-02-0-S-1-PV
	04:0.45um	7:2-226	E:EPDM	2:20"	TV:PTFE	
	10:1um	F:Double	V:Viton	3:30"	UV:PESU	
	50:5um	O:Open end		4:40"		
	1H:10um					
	2H:20um					

Article Number	Accuracy				Effective Filter Area (250mm:IPCS)
	Rejection Rate	100%	99.9%	99%	
	Accuracy	-	6=1000	6=100	
TPP-002	0.22 UM	0.5	0.2	0.15	0.65
TPP-004	0.45 UM	0.7	0.45	0.3	0.65
TPP-010	1 UM	2.8	1	0.9	0.64
TPP-030	3 UM	5.4	3	2.8	0.59
TPP-050	5 UM	7.6	5	4.5	0.56
TPP-100	10 UM	13.9	10	9.1	0.63

Pleated Filter

Pleated Cartridge Filter

FEATURES & BENEFITS:

- Designed for oilfield fluids and desalination
- One piece rigid outer cage and outer netting are available
- Broad chemical compatibility
- High flow rate, low pressure drop, excellent contaminant loading capacity
- Standard to fit different brands



Material

Filtration Media:	Glass Fiber / Polypropylene
Inner core:	polypropylene
Outer cage or outer netting:	polypropylene
End Caps:	ABS

Operation Conditions

Max. Temperature:	~80°C
Recommended Flow Rate:	10m ³ /40inch
Recommended differential pressure for change-out:	2.1-2.4bar

Dimensions

Length:	40inch / 30inch
Outer diameter:	2.5inch
Inner diameter:	1.1 Inch
Connection:	222/Flat or others
Filtration Media:	12 m ³ / 40 inch

Applications

Well completion fluids.	Process water.
Work over fluids	Gravel pack fluids.
Injection water.	Amine.
Produced water.	Desalination.

Ordering Information:

Model	Length	Pleated Media	Outer Material	Micron Rating	O-ring	End Caps
PPFC Series Pleated Cartridge Filter				1=1um		
	40=40inch	GF=Glass Fiber	EN= Netting	3=3um	E=EPDM	
		PP=polypropylene	RC=Rigid Cage	5=5um	V=Viton	2=222Flat
				10=10um	B=Buna N	O=others
				20=20um	S=Silicone	
				50=50um	O=others	

High Flow Pleated

High Flow Pleated Filter Cartridge

High Flow Pleated Filter is a large diameter , coreless, single open end , pleated cartridge filter with an inside-to-outside flow pattern . Its optimized pleats structure design with its large 152 mm (6 inch) diameter increases effectively the filtration area , allowing you to use significantly fewer filters and smaller housings for all high and large flow rate applications.



FEATURES AND BENEFITS

- 6 " diameter , large geometry for high flow capacity.
- Depth pleated structure, combined with multiple media, providing large dirt holding capacity and absolute or nominal micron rate .
- Larger surface filtration area per cartridge.
Provides higher flow rate , lower pressure drop and longer service life.
Thereby reducing labor and disposal cost.
- Suitable for high flow rate liquid filtration.
Possible applications: Cooling Water Filtration , RO Pre-Filtration, Seawater Desalination, Amine Circulation Filtration and all kinds of chemical solution filtration.
- Absolute-rated filter medium for reproducible performance.
- Coreless and full plastic construction to minimize waste disposal.
- Inside-out flow pattern design allows for excellent dirt holding capacity.
- Ergonomically designed handle .
Facilitates fast and easy cartridge change-out without use of special tools
Available in a variety of filter lengths and grades

TYPICAL APPLICATIONS

- Power Condensate System
- Municipal Water
- Electronics (RO Pre-Filtration, Process Water)
- Chemical
- Petrochemicals



CTO

Activated Carbon Filter Cartridge

CHARACTERISTICS

Activated carbon is a porous material, which has the ability to absorb organic compounds. Therefore, it is widely used in as a tool for decoloration, deodorization and deoil, in order to absorb those unwanted contamination particles in filtered liquids. Adsorbability depends on the filter method, water flow rate, contact time, contact area with active carbon, etc.

Taking all these facts into consideration our filters are well designed to offer efficiency and improve the filtration quality that the medium offers.

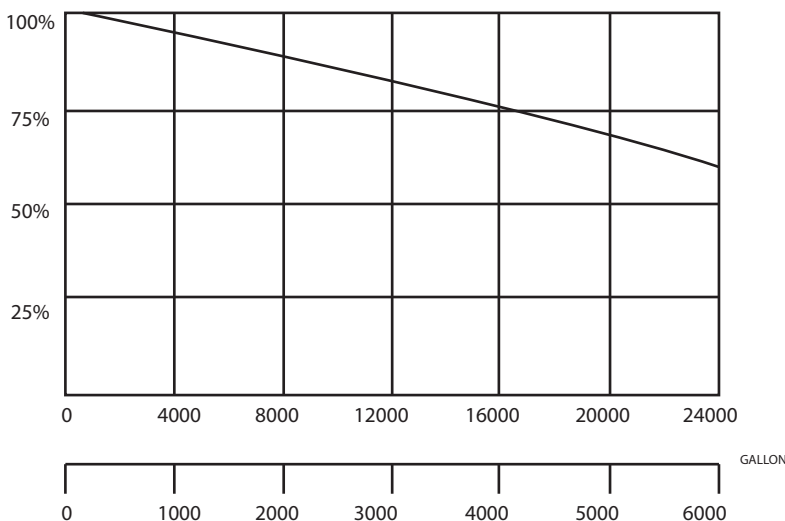
APPLICATIONS

- For water for medical industry.
- For surfwee preparation, electroplating solution.
- To get rid of the oil and aromatics in liquids.
- To get rid of the free chlorine and VOC in liquids.
- To get rid of odours, sediments or organic pigments in liquids.
- To get rid of organic chemicals.



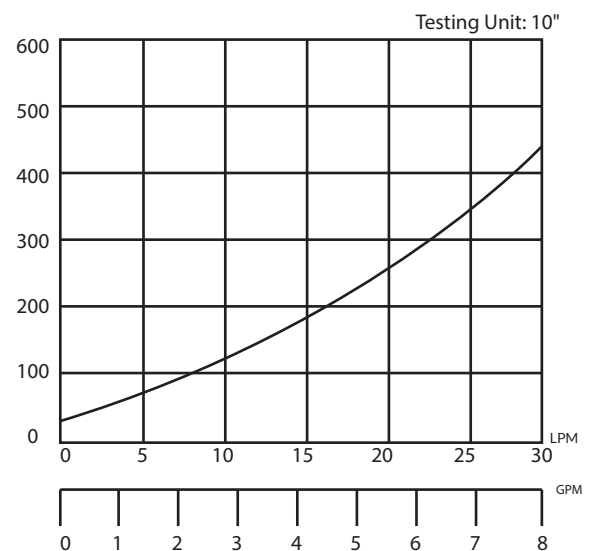
Free Chlorine Removal Chart

Flow Rate:1 GPM & Concentration:2PPM per 10"



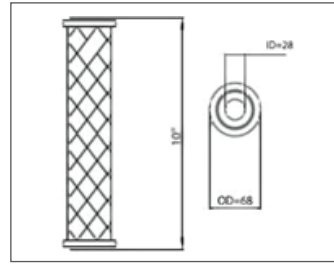
Flow Rate and Differential Pressure Chart

Pure Water Flow at 20°C (LPM/GPM)



Filtration Efficiency Value

Specific Surface Area: m ² /g	850
Adsorptive Value of Benzene: mg/g	270
Adsorptive Value of Iodine: mg/g	800
Decolor Value of Methylene Blue: mg/g	100
Thickness: mm	2



Structure and Material

Activated Carbon Type	Coconut Shell Based Activated Carbon
	Polyester
Inner Core	Polypropylene
Coating Layer of Inner Core	Polyester
Outer Carrier Net	Polyethylene
Endcap	PPR (Food Grade)



Design and Operating Parameters

Pore Size	5UM
Maximum Operating Temperature	52°C (125 F)
Maximum Differential Pressure	3.45Bar(50 psid)
Recommended Change-out Differential Pressure	2.07Bar(30 psid)
Breaking-out Differential Pressure	5.17Bar(75 psid)

Products Code Table

Item	Material	Length	OD	Code Eg.
CTO	C:Activated Carbon Fiber	10M:250±1.5mm	25:2.5"(63.5mm)	CTO-P-01-10M-P-25-1
		10l:10"(254± 1.5mm)	45:4.5"(115mm)	
		20M:500±1.5mm		
		20l:20"(508±1.5mm)		



PURE LIFE

Manufacturing Filters & RO Systems



PURE LIFE

Manufacturing Filters & RO Systems

Oil & Gas Filters



REFINERY & PETROCHEMICAL



Filtration Solutions for Complex Refinery Applications

Maximize contaminant removal, minimize maintenance downtime and extend the life of equipment with customized filtration solutions.

Benefits of Pure Life Systems Filtration Solutions

Maximize refining efficiency and performance

Fluid streams that are free of contaminants will help achieve more efficient reactions for a higher quality end-product and minimal product waste. Pure Life filtration solutions are engineered to maximize contaminant removal for a truly streamlined operation. They remove contaminants from feed streams and fluid recirculation processes to improve refining efficiency..

Improve availability and reliability of operations

A custom-designed filtration system can seriously impact the availability and reliability of operations. Our advanced filtration solutions are designed to meet the most demanding petroleum applications, while reducing the frequency of filter maintenance activities. The result is better availability and reliability of operations, with lower operating costs. Filter elements are available in a wide variety of materials including: polyester, polypropylene, cotton, nylon, Teflon®, Nomex®, metals, micro-fiberglass, resin-bonded cellulose, and more.

Extend the life of capital equipment

Whether in alkylation, feedstock filtration, caustic treatment or other refining processes, contaminants can cause long-term damage to equipment with expensive repercussions. Our filtration solutions are designed to maximize contaminant capture to reduce the risk of equipment failure and ultimately extend the life of equipment. They prevent contaminants from damaging equipment further downstream and eliminate the costs of unscheduled maintenance and operational downtime.

Engineered to meet your rigorous plant requirements.

Properly designed and implemented filtration equipment is paramount for the protection of your critical processes. That's why we take the time to understand your challenges and unique application needs. Then, we draw on over three decades of experience, best-in-class resources and technology to develop a solution that best suits your needs.

Refinery& Petrochemical Filtration Applications

With 10+ years' experience in innovative filtration technology, Pure life design and manufacture advanced filtration solutions for a variety of refining applications.

- Catalyst Protection - Stop water and solid particulates from deactivating catalyst beds and plug stream nozzles, which reduces reactor efficiency.
Amine Sweetening & Tail Gas Treating Units
- Liquid hydrocarbons and particulates from the amine system can cause contactor fouling and foaming .
- Final Products Filtration - Stop contaminants, such as rust, scales, solids, and suspended water, from damaging equipment and lowering product specifications.
- Glycol Contactor Protection - Prevent hydrocarbons or amine aerosols and solids from contaminating the glycol system, which can result in foaming, solvent losses, and off-specification gas.
- Compressor Protection - Prevent condensable hydrocarbons, water and solids from reducing the viscosity of lube oil and damage pistons due to increased friction.
- Molecular Sieve Drier Protection - Increase cycle time between regeneration of the molecular sieve drier and extend the bed life.
Refinery Fuel Gas
- Protect burners and combustors from liquids and solids which cause fouling and plugging.
Low NOx burners are very sensitive to plugging.
- Condensate Dewatering - Provide hydrocarbon condensate with low water content to avoid corrosion problems in export pipelines and prevent off-specification final product.
- Stabilization Plant Protection - Prevent free water and solids from entering the fractionation column, which could result in corrosion and salts and solids deposits.
- Rich Amine Treatment - Improve the reliability of the amine regenerator by removing liquid hydrocarbons and solids.
- Amine and Sulfur Recovery - Prevent carryover amine from contaminating catalyst at the sulfur recovery unit, and carry over hydrocarbons and treating chemicals from causing foaming in amine contactors.

Additional Petrochemical Filtration Applications

- Amine Contactor Protection Boiler Feed Water.
- Feedstock Filtration.
- Hydraulic and Lubricating Fluids Oily Water Treatment.
- Polymer Process Water Filtration Pre-filtration of Reactor Feed.
- Streams Production.
- Transfer Protection Quench Water Filtration.
- Turbo Machinery Protection Wastewater Treatment .



Filtration and Separation Solutions for Power Generation

Maximize the performance of power generators. Manage operational costs. Improve your bottom line.

As our population continues to increase, so will the demand for efficient power generation products and solutions.

Filtration is a critical element of power generation systems. Whether enhancing the efficiency of equipment or protecting components from damage, you need contaminant removal solutions designed specifically to achieve consistently high performance.

Drawing on our filtration design and manufacturing experience in Power Generation, we have engineered filtration solutions that result in efficient, cost-effective operations - whatever your application.

Benefits of Pure life Filtration Solutions

Engineered to meet demanding processing needs

With thousands of different filter elements for a wide variety of filtration applications and a full line of housings including cyclones, filter separators, particulate filters and coalescers, you can be confident that we have the right solution to maintain and enhance your operational performance.

To meet the most demanding gas and petroleum applications, filter elements are available in a wide variety of materials including Polyester, Polypropylene, Cotton, Nylon, Teflon®, Nomex®, Metals, Micro-fiberglass, Resin-bonded cellulose.

Maximize operating efficiency and performance

We partner with you to maximize efficiencies and improve maintenance operations with our custom-designed high-performance oil & gas filtration solutions for the production, processing, transportation, refining and storage of the entire gas and liquid hydrocarbon value chain within the industry.

Reduce downtime with rapid filter replacement

As a one-source supplier for all your filtration and separation needs, Pure Life can quickly replace over 40,000 OEM cartridge part numbers to ensure your operations run smoothly.

Meet environmental safety regulations

Environmental safety is essential. You can be confident that our systems are guaranteed to meet all industry regulations by maximizing the removal of solid and hydrocarbon contaminants.

Extend the life of capital equipment

Contaminants can cause long-term damage to equipment, such as turbines and compressors, which leads to expensive maintenance and compromises process performance. Our filtration solutions are designed to maximize contaminant removal and separation to lower the risk of equipment failure and ultimately extend the life of equipment. It also eliminates the costs of unscheduled maintenance and downtime.

Pure Life Oil & Gas Filtration Applications

With 10+ years of experience in innovative filtration technology for Oil & Gas, Pure life engineers solutions for major critical process applications.

- **Amine Sweetening:** Remove or separate liquid hydrocarbons and particulates from the amine system to prevent contactor fouling and foaming.
- **Compressor Outlet Gas:** Remove fine aerosols and low surface tension liquids lube oils from the compressor outlet to protect downstream equipment.
- **Compressor Protection:** Remove finely dispersed liquid droplets and solids which can reduce the viscosity of lube oil, resulting in damaged pistons due to increased friction.
- **Condensate Filtration:** Remove solid contaminants in hydrocarbon condensate to avoid corrosion in pipelines and protect downstream equipment.
- **Condensate Pipeline Dewatering:** Reduce water content in hydrocarbon condensate to avoid corrosion in pipelines and remove solid contaminants.
- **Condensate Stabilization:** Remove water and solid contaminants from condensate.
- **Flow Meters & Meter Runs:** Remove liquids and solid contaminants to protect high efficiency meters for accurate custody transfer.

- **Fractionation:** Removal of solids and liquids separation to protect fractionation columns.
- **Fuel Gas Filtration:** Prevents fouling and off-spec fuel gas to compressor's turbines and burners.
- **Gas Re-Injection:** Prevent plugging in the down-hole formation by removing liquid hydrocarbons, glycol and solid contaminants.
- **Glycol Dehydration:** Maintain reliability of glycol regenerator, reduce contactor foaming, and preserve gas specification.
- **HC Condensate Separation:** Remove water and solid contaminants from condensate.
- **Injection Water:** Remove solid contaminants and microorganisms which can foul injection wells.
- **Inlet Separation:** Bulk solids and liquids removal as pre-treatment for downstream equipment.
- **Lube Oil Filtration:** Removal of solid contaminants to prevent wear on critical rotating equipment components.
- **Molecular Sieve Protection:** Removal of fine aerosols for protection of molecular sieve to extend the life and improve performance of costly molecular sieve absorbents.
- **Produce water:** Remove solid and hydrocarbon contaminants to prevent environmental problems associated with surface disposal and plugging during re-injection.
- **Turbine & Generation Protection:** Remove lube oil contaminants and prevent build-up on turbine blades.
- **Wastewater Treatment:** Removal of contaminants from waste water before disposal to meet environmental regulations.



Coalescers Filter

Industrial Liquid/Liquid Coalescers

Pure Life coalescers are used in vertical and horizontal vessel configurations along with separator elements for removing free, immiscible, dispersed liquid droplets from liquid streams. Very effective for applications that require removal of an aqueous dispersion from a hydrocarbon based stream. The hydrophilic nature of fiberglass makes the Pure Life Coalescers an excellent choice for these applications.

Pure Life offers a pure coalescer without an integral pre-filter layer. With a pre-filter installed upstream, it reaches its maximum service life and efficiency potential.



APPLICATIONS

- **General Industrial**
chemicals, resins, solvents, hydraulic oils, lube oils
- **Petroleum Refining**
hydrocarbon feed stocks, fuels, crude, condensates, distillates
- **Pipelines and Petroleum Terminals**
diesel, gasoline, kerosene, LNG, LPG
- **Power Generation**
turbine lube and hydraulic oil
- **Pulp & Paper**
lube and hydraulic oil
- **Electricity Transmission**



SPECIFICATIONS

- **MEDIA** inert resin bonded seamless fiberglass steel
- **CORE** (galvanized or tin plated)
- **OUTER COVER** cotton
- **END CAPS** steel (galvanized or tin plated)
- **GASKETS** buna-n
- **OPTIONS** gasket materials, adhesives

OPERATING DATA

Max Temp. [F]	PH Range	Max D.P1 [psid]
240	5-9	25

- Recommended change-out DP is 1 5 psid
- Normal flow direction is inside to outside²

NOMINAL DIMENSIONS

Model	O.D. [in.]	I.D. [in.]	Length [in.]
C-10	6.0	3.5	1 1.25
C-12	6.0	3.5	22.25
C-14	6.0	3.5	33.25
C-16	6.0	3.5	14.25
C-18	6.0	3.5	28.25
C-22	6.0	3.5	22.25



PERFORMANCE

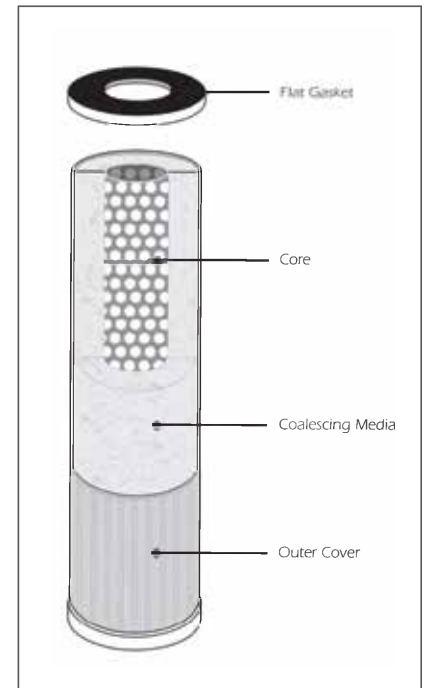
- Removes entrained free water down to 10 ppmv or less
- Influent water concentrations as high as 2% weight
- Grade [um]: 1, 5, 25

REPLACEMENT OPTION FOR

- Jonell JC Series
- Velcon I Series
- Others

VESSELS

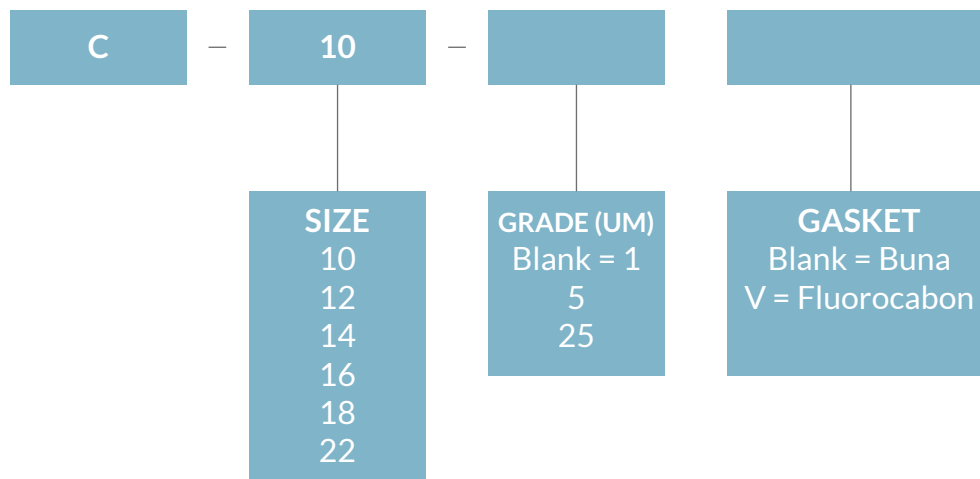
- Facet VCS 110 , HCS, CFCS, FCS and VFCS Series
- PECO I 10 Series
- Velcon V,W,HV and HVS series
- Racor RVFS Series
- Other vessels manufactured to be compatible with industrial liquid/liquid coalescers



NOTES

1. Max. D.P may be limited by the vessel manufacturer's design.
2. Model C-22 is designed for outside to inside flow

ORDERING INFORMATION



Coreless Filter

Pure Life Coreless filter elements combine Pure Life's depth filter technology with a design that eliminates the core to provide a convenient, cost efficient and Environment friendly solution for high flow rate applications.

The large diameter filter element features low differential pressure polypropylene, nylon or polyphenylene sulphide (PPS) medium, meaning fewer elements are required for a given flow rate. Filter vessels are correspondingly smaller, resulting in lower capital and installation costs, as well as reduced operating costs.



CONVENIENCE

The Coreless filter element fits over a stainless steel core, which is retained inside the filter housing. At changeout, the element is simply pulled up over the core which is then ready to accept the replacement element. By retaining the metallic core, the Coreless design significantly reduces the amount of waste material to dispose of, providing a lower cost, more Environment Friendly option

FEATURES

- Large diameter cartridge utilizing low differential pressure media.
- Separate stainless steel core retained in the filter housing.
- Proven depth filter technology / continuous graded pore structure. Polypropylene, nylon or polyphenylene sulphide (PPS) filter media.
- Fully disposable design.

EFFICIENCY

Coreless filter elements use the advanced and proven benefits of Profile medium's unique depth filter technology. The combination of a continuous graded pore prefilter section and a high performance inner section is an ideal combination, giving low clean differential pressure, high liquid flow rates and long service life

BENEFITS

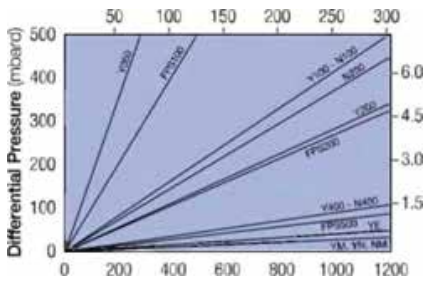
- Smaller systems with low capital cost, low installation costs and reduced operating costs.
- Providing high liquid flow rate capability, ease of fitment, low operating costs and increased cost efficiency.
- Reliable, consistent and verifiable filtration performance.
- Compatible with a wide range of applications.
- Less waste materials, lower cost of disposal and more environmentally-friendly.

QUALITY

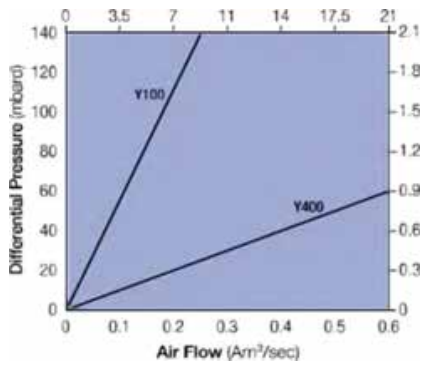
The Profile Coreless filter element is manufactured to a very high standard of quality assurance and cleanliness.



Liquid Flow (USgpm)(1016 mm / 40" Element)

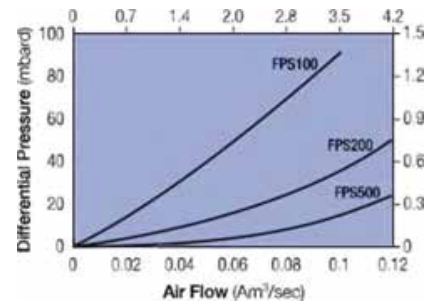


Air Flow (Aft/sec)(1016 mm / 40" Element)



Air Flow (Aft³/sec)

Air Flow (Aft/sec)(508 mm / 20" Element)



* For air at viscosity of 0.018cp. Correction for other gases: Use reading from Graph x $\frac{\text{GasViscosity}}{0.018\text{cP}} = \text{Actual Pressure Drop}$

Liquid Flow (L/min)

* For clean water at ambient temperature for liquids of viscosity other than 1cP multiply the FP by the viscosity in cP.

MATERIALS OF CONSTRUCTION

Filter Element	Polypropylene, Nylon or Polyphenylene Sulphide (PPS)
Core Assembly	316L Stainless Steel

TECHNICAL INFORMATION

Core Assembly Seals (removable option only)

Seal Material
Ethylene Propylene Rubber (EPR)
Fluorocarbon Elastomer
FEP encapsulated Fluorocarbon Elastomer
Nitrile



Operating Characteristics in Compatible Fluids¹

Maximum Differential Pressure	Operating Temperature		
	Polypropylene	Nylon	Polyphenylene Sulphide (PPS)
4.0 bard (58 psid)	30 °C (86 °F)	32 °C (89.6 °F)	20 °C (68 °F)
1.0 bard (14.5 psid)	82 °C (179.6 °F)	130 °C (266 °F)	204 °C (400 °F)

¹Compatible fluids are defined as those which do not swell, soften or attack any of the filter components

Table 1: Nominal Length

Code	Description
2	508 mm (20")
4	1016 mm (40")



Table 2: Media Options

Polypropylene ²	Nylon ²	Polyphenylene ³ Sulphide (PPS)	Removal Rating in Liquids (µm)	Removal Rating in Gases at 0.3 µm ⁴
Y050	—	—	5	—
Y100	N100	FPS100	10	99.997 % (Y100) 99.999 % (FPS100)
Y200	N200	FPS200	20	—
Y400	N400	—	40	99.995 % (Y400)
—	—	FPS500	50	99.869 % (FPS500)
YE ⁵	—	—	Coarse grade media for use in E-coat paint baths	
YM ⁵	NM	—	Coarse grade media for use in mica paint applications	
YN ⁵	—	—	Coarse grade media for use in mica paint applications	

²Beta 5000,3 Beta 1000 efficiency rating, Determined in laboratory trials using sodium chloride aerosols at 300 Sm³ / hr,

⁵Profile Coreless paint application filter elements are not given removal ratings.

Table 3: Core Assembly Seal Options

Code	Description
J	Ethylene Propylene Rubber
HB	Fluorocarbon Elastomer
H1	FEP encapsulated Fluorocarbon Elastomer
H13	Nitrile



Replacement Core Assembly Seals

O-ring Seal	Part Number
Ethylene Propylene Rubber (EPR)	CA53418 and ORJPW-111P
Fluorocarbon Elastomer	LS00372 and LS00429
FEP encapsulated Fluorocarbon Elastomer	CC62592 and CC62591
Nitrile	LS0043 and LS543

PartCon HF filter

Pure Life PartCon HF filter

Pure Life 'PartCon' cartridges include a high area pleated gas particulate filter which is designed to remove particulate contamination. This filter can also be used as a cost-effective means of removing solid contamination during start up or after "pigging". The filter offers ideal protection from unwanted contamination and will remove particles of 0.3 microns and larger. This will help ensure optimum protection of compressors, valves, instrumentation and metering equipment.



Typical Size Distribution of Particles in a Compressed Gas Stream*

Particle Size Distribution (by count)					
	1-5 pm (%)	5-15pm (%)	15-25pm (%)	25-50pm (%)	50-100pm (%)
Iron Oxide	80.1	17.9	1.6	0.3	0.1
Iron Sulphide	99.2	0.8	-	-	-
Desiccant Fines	48.6	22.1	27.0	2.3	-

FEATURES

- Large diameter, High Surface Area
- Fits existing Housing
- Same size as SepraSol Plus
- Sized as for Coalescers
- Absolute rating

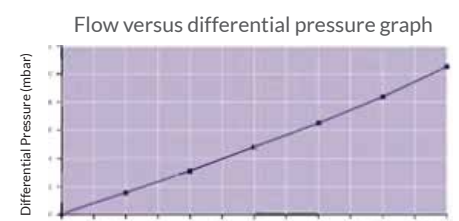
BENEFITS

- Low clean differential pressure
- High Dirt Capacity
- Longer Filter Life
- No need for further capital outlay when process parameters change
- Fit into existing housings
- Can adapt to changing parameters
- Reproducible Gas quality

TECHNICAL INFORMATION

Cartridge Dimensions		Operating Characteristics	
Nominal length	1016 mm (40")	Differential Pressure*	Operating Temperature
Outer diameter	152.4 mm (6")	Recommended change-out 1 bar d	80°C
Inner diameter	100 mm (4")	Maximum 1 bar d	80°C

Materials of Construction	
Media	Resin-impregnated cellulose
Hardware	Stainless Steel
Cartridge Seal	Nitrile



SS Filter

Pure Life Synthetic Separators

Pure Life Synthetic Separators are used in conjunction with Pure Life coalescers. The Pure Life SS is hydrophobic and repels water droplets that form while passing through the liquid/liquid coalescers. They perform exceptionally well in a broad range of liquid applications and are more efficient and cost less than Teflon coated separators. Synthetic separators provide excellent chemical compatibility and can also be cleaned and reused.



APPLICATIONS

- **General Industrial**
chemicals, resins, solvents, hydraulic oils, lube oils
- **Petroleum Refining**
hydrocarbon feed stocks, fuels, crude, condensates, distillates
- **Pipelines and Petroleum Terminals**
diesel, gasoline, kerosene, LNG, LPG
- **Power Generation**
turbine lube and hydraulic oil
- **Pulp & Paper**
lube and hydraulic oil
- **Electricity Transmission**

VESSELS

- Facet VCS, HCS, CFCS, FCS and VFCS Series
- PECO 1 10 Series
- Racor RVFS Series
- Velcon V W and HV and HVS Series
- Other vessels manufactured to be compatible with synthetic style separators

PARTICLE RETENTION

- Grade [um], 50

REPLACEMENT OPTION FOR

- Filter-Fab
- Filter-Mart
- Racor SS Series
- Velcon SO Series
- Others



SPECIFICATIONS

- **MEDIA** hydrophobic synthetic mesh
- **CORE** steel (galvanized or tin plated)
- **END CAPS** steel (galvanized or tin plated)
- **GASKETS** buna-n
- **OPTIONS** gasket materials, adhesives

OPERATING DATA

Max Temp. [F]	pH Range
240	5 - 9

- Recommended change-out DP is 15 psid
- Normal flow direction is outside to inside

NOMINAL DIMENSIONS

Model	O.D. [in.]	I.D. [in.]	Length [in.]
SS61 1	6.0	3.5	1 1.25
SS614	6.0	3.5	14.5
SS616	6.0	3.5	16.25
SS622	6.0	3.5	22.25
SS629	6.0	3.5	28.75
SS633	6.0	3.5	33.25
SS636	6.0	3.5	36.00
SS640	6.0	3.5	40.00
SS644	6.0	3.5	44.00
SS648	6.0	3.5	48.00
SS656	6.0	3.5	56.00

SEALING & MOUNTING END CONFIGURATIONS

Designation Code	Inside Diameter			
	Sealing End		Mounting End	
	in.	mm	in.	mm
B	17/32	13	3 1/2	89
D	3 1/2	89	3 1/2	89

Superpleat High Flow Filters

Pure Life Superpleat High Flow Filters

VESSELS

The Pure Life Superpleat High Flow filter is suited for applications such as cooling water, pre-RO, and resin trap filtration. It is a large diameter, coreless, single open-ended, pleated cartridge with an inside to outside flow pattern. The filter's unique crescent-shaped pleat geometry, combined with its large 152 mm / 6 in diameter, reduces the number of filters and size of housing required.

The cartridge is also available in a wide range of Pall media types for other applications.



- Up to 50% smaller filter system possible
- Up to forty times fewer elements to change out
- Very high flow rates per filter cartridge, up to 500 gpm / 114 m³/hr
- Available in 508 mm / 20 in, 1016 mm / 40 in and 1524 mm / 60 in lengths
- Coreless construction to minimize waste disposal
- Absolute rated filter medium for reproducible performance
- Inside to outside flow configuration - all contaminants held within the single open ended filter

SPECIFICATIONS

Materials of Construction

Filter medium	Pleated polypropylene depth structure
Support/Drainage	Polypropylene
Endcaps	Glass filled polypropylene
O-ring	Ethylene propylene
Removal Ratings ¹	2.0 μm^2 , 4.5 μm , 10 μm , 20 μm , 40 μm , 70 μm , 100 μm
Configuration	Single open end, 152 mm / 6 in diameter filter
Operating Conditions	Maximum Operating Temperature: 82°C / 180°F Maximum Differential Pressure ³ (nominal inside to outside flow): 3.4 bar at 82°C / 50 psid at 180°F



Removal Rating / Typical Pressure Drop

Cartridge Grade	Removal Rating in Microns (um) at 99.98% Efficiency ¹	Element Pressure Drop ² 508 mm / 20 in length (mbar/m3/h) / (psid/100 gpm)	Element Pressure Drop ² 1016 mm / 40 in length (mbar/m3/h) / (psid/100 gpm)	Element Pressure Drop ² 1524 mm / 60 in length (mbar/m3/h) / (psid/100 gpm)
UY020	2.0 ³	3.31 / 1.091	1.64 / 0.540	1.10/0.362
UY045	4.5	1.48 / 0.489	0.73 / 0.242	0.49/0.162
UY100	10	1.04/0.344	0.52/0.170	0.35/0.114
UY200	20	0.74 / 0.243	0.36/0.120	0.24 / 0.080
UY400	40	0.55/0.182	0.27 / 0.090	0.18/0.060
UY700	70	0.12/0.040	0.06 / 0.020	0.04/0.013

Part Numbers / Ordering Information

Part Number	Removal Rating ⁴ (pm)	Nominal Length ⁴ (in / mm)	O-ring Material ⁴
HFU620UY020J	2.0	20 / 508	Ethylene Propylene
HFU640UY020J	2.0	40/1016	Ethylene Propylene
HFU660UY020J	2.0	60/ 1524	Ethylene Propylene
HFU620UY045J	4.5	20 / 508	Ethylene Propylene
HFU640UY045J	4.5	40/1016	Ethylene Propylene
HFU660UY045J	4.5	60/1524	Ethylene Propylene
HFU620UY100J	10	20 / 508	Ethylene Propylene
HFU640UY100J	10	40/1016	Ethylene Propylene
HFU660UY100J	10	60/1524	Ethylene Propylene
HFU620UY200J	20	20 / 508	Ethylene Propylene
HFU640UY200J	20	40/1016	Ethylene Propylene
HFU660UY200J	20	60/1524	Ethylene Propylene
HFU620UY400J	40	20 / 508	Ethylene Propylene
HFU640UY400J	40	40/1016	Ethylene Propylene
HFU660UY400J	40	60/1524	Ethylene Propylene
HFU620UY700J	70	20 / 508	Ethylene Propylene
HFU640UY700J	70	40/1016	Ethylene Propylene
HFU660UY700J	70	60/ 1524	Ethylene Propylene

LIQUID FILTER BAG

Pure Life Liquid Filter Bags offer economical filtration for a wide array of applications. Highly controlled manufacturing procedures ensure consistent quality and no contamination.

The unique bag designs provide added strength and avoid risk of bypass. Our filter bags fit all industry-standard bag housings.



Monofilament Nylon/Polyester Mesh Filter Bag

Item	1# filter bag	2# filter bag	3# filter bag	4# filter bag
Size (mm)	180*450	180*810	105*230	105*380
Size (inch)	7"*17"	7"*32"	4"*9"	4"*15"
Tolerance	≤0.3-0.8(mm)			
Bag Area (sq.m)	0.25	0.5	0.09	0.16
Material	100% nylon mesh / 100% polyester mesh			
Nack material	Stainless Steel or Plastic (PE/PP)			
Filtration pressure:1.03-1.72 (Kg / sq.com)				
Nylon Mesh Filter Bag works < 140 °C , Polyester Mesh Filter Bag works < 130 °C				

Polypropylene / Polyester Felt Filter Bag

Item	1# filter bag	2# filter bag	3# filter bag	4# filter bag
Size (mm)	180*450	180*810	105*230	105*380
Size (inch)	7"*17"	7"*32"	4"*9"	4"*15"
Tolerance	≤0.3-0.8(mm)			
Bag Area (sq.m)	0.25	0.5	0.09	0.16
Material	100% PP Media / 100% PE Media / 100% Aramid Media / 100% PTFE Media			
Nack material	Stainless Steel or Plastic (PE/PP)			
Filtration pressure:1.03-1.72 (Kg / sq.cm)				

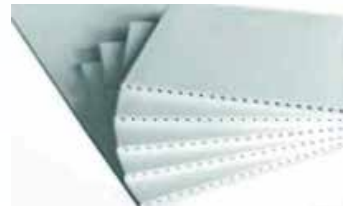
More customized bags are available on request.



PURE LIFE

Manufacturing Filters & RO Systems

Equipment & Systems For Water Treatment





Fermentation & Pharmaceuticals »

Intermediates: Erythromycin, Cephalothin, Streptomycin, Lincomycin, Vancomycin, Spectinomycin, Clavulanic acid, Kasugamycin, Oxytetracycline, Natamycin, Statins, Phenylglycine, Inosine & Guanosine, Cytidylic acid, Nisin, Penicillin-G, etc.

Amino acid: Aspartame, Threonine, L-Lysine, Glutamic, Arginine, Valine, Tryptophan, Glycin, Isoleucine, Glutamine, Theanine, Proline, etc.

Organic acid/Polyatomic alcohol: Citric, L-Lactic, Itaconic acid. Succinic acid. Propanediol, Glycerol

Vitamin: VC, VB2, VB12

Enzyme: Phytase, Amidase, etc.

Biochemical: Thymopetidium, Interferon vaccine. Papain, Chymosin, Dehydrogenase, Mannanase, Blood products, etc.



Waste Water Treatment »

Oily water: Emulsion from Cold-rolled steel plant and Banknote works, Cutting fluid, Degreasing fluid, etc.

Dye wastewater, CMP wastewater

Latex water, Fishmeal wastewater

Mine drainage water, Laundry water

Landfill leachate water, Steam condensate



Petroleum & Chemical»

Recovery & Enrichment of nanometer catalyst: Caprolactam, Acetamidophenol, Resorcinol, Melamine, Sodium methoxide, etc.

Recovery of PTA mother liquid

Recovery of ABS & VCM waste water

CRBR primary brine refinery

Deep processing of coal

Treatment of produced & frac water for oil well

Recovery of used oil



Food & Beverage »

Tea: Green/Red/Oolong instant tea powder, Polyphenols, etc.

Dairy: Foremilk, Buffer milk, Protein standard, Whey

Alcohol; Wine, Beer, Fruit wine, Health wine, etc.

Fruit juice: Apple, Red berry, Pineapple, Lemon, Garlic, Carrot, etc.

Sweetner: Cane sugar, Beet sugar, HFCS55, Stevioside, etc.

Brewage: Soy sauce, Vinegar

Herbal extraction: Protein, Peptide, Oligosaccharide, Pictin, Flavone, Pigment, etc.



New Energy & New Materials »

Concentration & purification for nanometer & submicron particles

Fuel cell

Solar cell

Enrichment of rare metal



Water Supply & purification »

Turbid surface water treatment

Drinking fountain

Military water supply unit

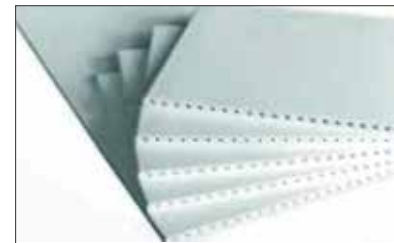
Emergency water supply unit

CFM

Ceramic Flat Membrane

- CFM Systems® (Ceramic Flat Membrane) combines the advantages of an asymmetric inorganic filter and submerged flat membrane filtration.

- The advanced design enables an unprecedented technical and economical water treatment in various fields of application.



Fields of Application	Drinking Water			Sewage
	Ground Water	Surface Water	Sea Water	Municipal
Core Treatment Targets	Removal of inorganic oxidized and adsorbed compounds	Removal of suspended solids, micro-organism	suspended solids, micro-organism	Removal of suspended solids, micro-organism
Membrane Structure	Asymmetric design			
Material of Membrane	a-AL ₂ O ₃			
Filter Active Layer	InOxi (Fe/Mn) InOxi - Ads	Org-Rem org-Ads	Org-Rem	BioSys
Material of Filter Active Layer (Nano-coating)	a-AL ₂ O ₃ /Zro ₂ (modified depending on removal targets)			
Average Pore Size (nm)	200 (other sizes on request)			

Legth L (mm) **530**

width w (mm) **6.5**

Height H (mm) **110**

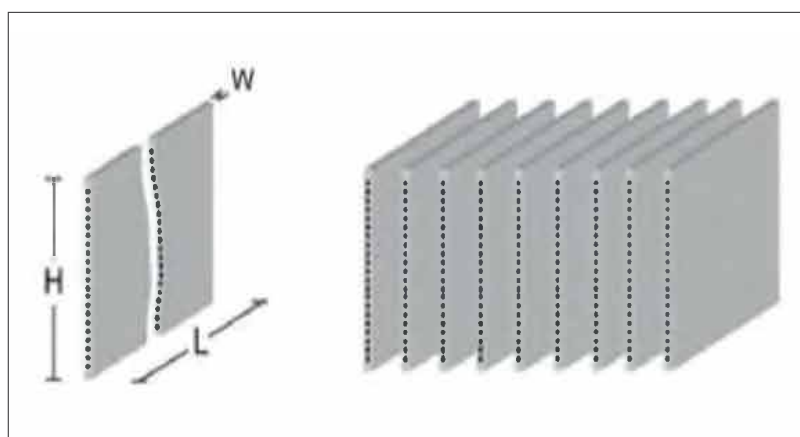
Inner Diameter of Filtered **3.0**

water Channel (mm)

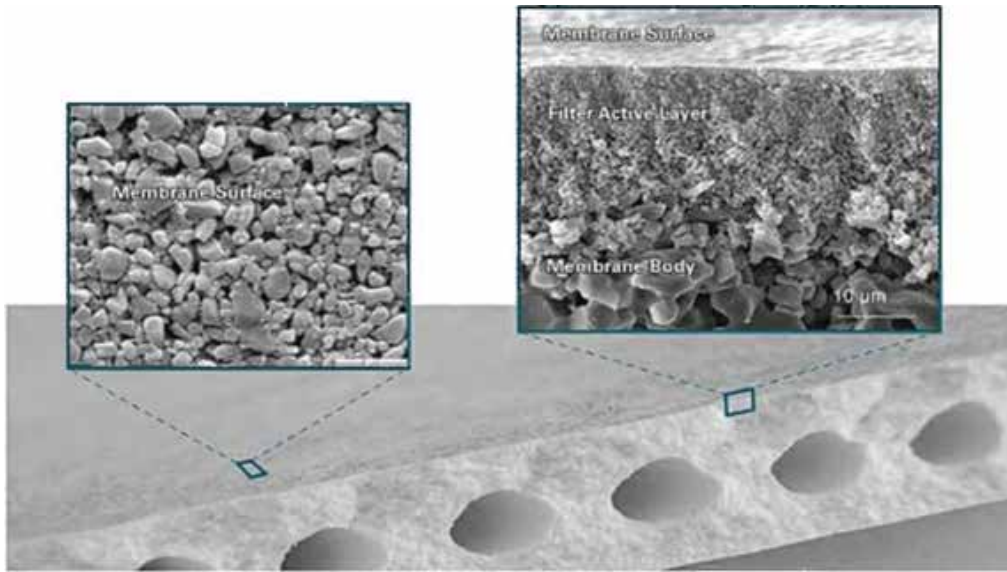
No. of Filtered water **21**

Channels

Filter Area per Plate (m²) **0.12**



Fields of Application	Drinking Water			Sewage
	Ground Water	Surface Water	Sea Water	Municipal
Max. Operating Pressure (bar)	2.5	2.5	4.0	1.5
PH Range	2 - 10			
Operation Temperature Range (C)	20-60	5 - 40	5 - 35	5 - 35
Permeability (l /m2*h*bar)	7500	5000	6000	2000





PURE LIFE

Manufacturing Filters & RO Systems

CEM

Ceramic Element Membrane

Pure Life is a solution provider for membrane filtration & separation technology in process industry.

Pure Life has been focusing on MF/UF ceramic membranes filtration technology, which has been widely applied for solid-liquid separation in food & beverage, petrol chemical, pharmaceutical, and waste water treatment.

Pure Life can act as an OEM manufacturer to design and make MF/UF/NF membrane filtration machines as per customer's requirement.

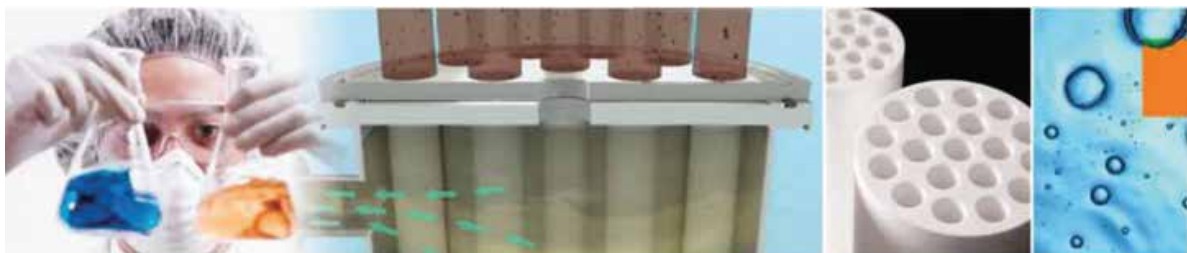
Pure Life can offer for full range membrane product from MF/UF ceramic membrane, Zeolite Pervaporation membrane, Lab pilot unit Scaled-up membrane filtration system.



MEMBRANE SEPARATION LEADING TECHNOLOGY

Ceramic Membrane Separation Technology »

Basic theory of ceramic membrane separation technology is the sieve effect of porous media. Membrane is operated as the "Cross Flow Filtration" mode, under pressure driven, the micro components can be separated, concentrated and purified. CRM ceramic membrane has filtration accuracy down to nanometer size, which has been proved to be an advanced and revolutionary separation technology for modern process industry



Advantages of ceramic membranes »

- Resistance to strong acid, caustic, and oxidation
- Resistance to organic solvent
- Thermo stability, running temperature up to 150°C
- High abrasive resistance, not sensitive to mechanical particles
- Fine separation accuracy with narrow pore size distribution
- High strength, long work life
- High flux, backwash ability, high efficiency
- High performance of antifouling and antimicrobial
- Easy operation with low maintenance cost



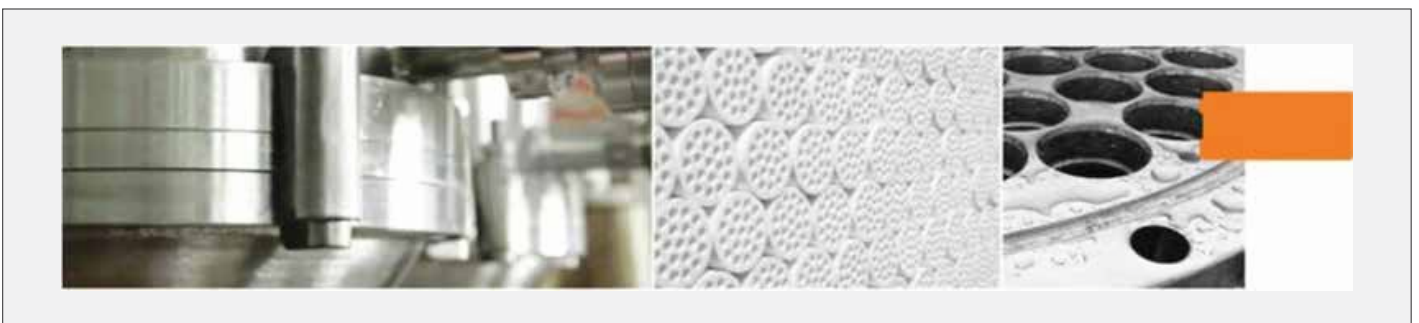
What Is "Cross Flow Filtration" »

"Cross Flow Filtration" (also known as tangential flow filtration) is a type of filtration (a particular unit operation). "Cross Flow Filtration" is different from dead-end filtration in which the feed is passed through a membrane, the solids being trapped in the filter and the filtrate being released at the other end. "Cross Flow Filtration" gets its name because the majority of the feed flow travels tangentially across the surface of the filter, rather than into the filter. By "Cross Flow Filtration", the feed stream is separated into two streams: permeation and retentate.



Advantage of "Cross Flow Filtration" »

The principal advantage of "Cross Flow Filtration" is that the filter cake (which can blind the filter) is substantially washed away during the filtration process, increasing the length of time that a filter unit can be operational. It can be a continuous process, unlike batch-wise dead-end filtration.



EXCELLENT QUALITY CREATED BY PURE LIFE

The senior experts of pure Life apply advanced recipe, unique technique, high quality raw material, and special equipment to manufacture high performance CRM ceramic membranes. All the products are controlled by precise manufacturing management and strict quality control system. CRM ceramic membranes are at international advanced level and have noticeable more advantages compared with other domestic ceramic membranes.

High Purity

Raw material is imported α -Al₂O₃, ZrO₂, whose purity is higher than 99%.

High Strength

Membrane support is stronger, it can't be broken easily. Membrane layer has high abrasion resistance to keep longer working life.

High Accuracy

Narrow distribution of pore size. The mean filtration accuracy can be nanometer size.

High Accuracy

Narrow distribution of pore size. The mean filtration accuracy can be nanometer size.

High Flux

Though the membrane layer is relatively thicker, the flux can be kept stable for long period.

High Specifications

CRM membrane can be operated in acid, caustic, oxidant, and solvent at high temperature.

CEM MF/UF

Ceramic Membrane Elements

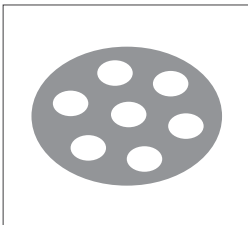
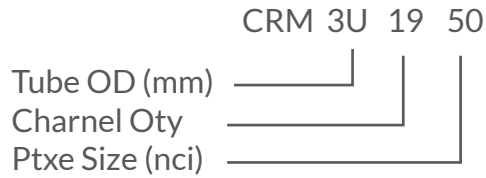
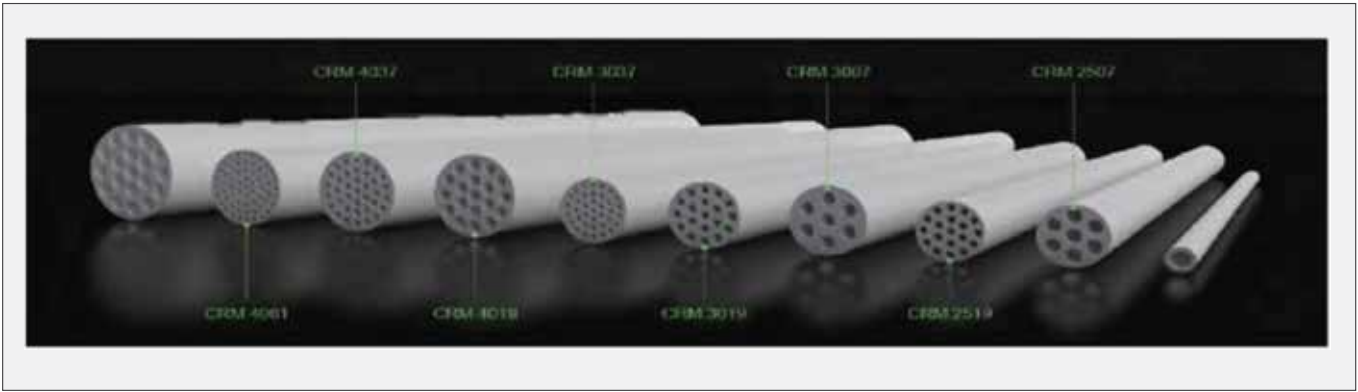


CRM ceramic membranes are sintered under high temperature in multi-channel tubular construction. Membrane elements appear pure white like beautiful jade.

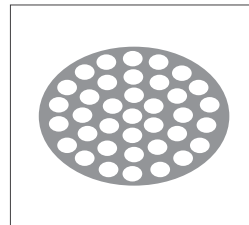
Now Pure Life has various models of MF/UF ceramic membrane with full range of pore size, diameter, length and channel quantity.

Pure Life can also offer customization for membrane manufacturing according to customer's need or process requirement.

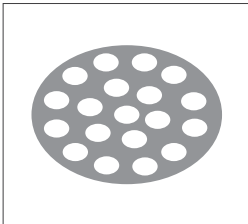




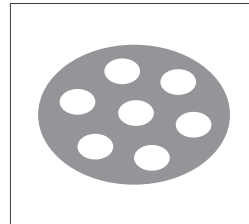
Model : CRM2507
 OD : 25 mm
 Channel Qty. : 7
 Length : 1178 mm
 Area : 0.15 m²



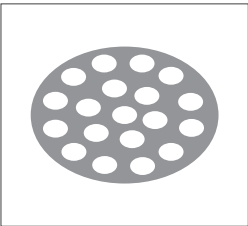
Model : CRM2537
 OD : 25 mm
 Channel Qty. : 37
 Length : 1178 mm
 Area : 0.30 m²



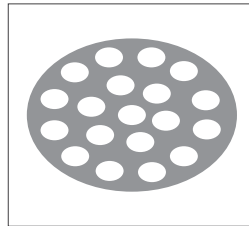
Model : CRM2519
 OD : 25 mm
 Channel Qty. : 19
 Length : 1178 mm
 Area : 0.23 m²



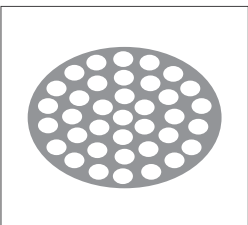
Model : CRM3007
 OD : 30 mm
 Channel Qty. : 7
 Length : 1016 mm
 Area : 0.13 m²



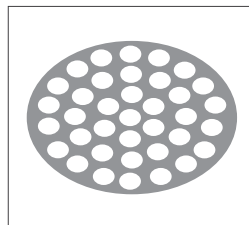
Model : CRM3019
 OD : 30 mm
 Channel Qty. : 19
 Length : 1016 mm
 Area : 0.24 m²



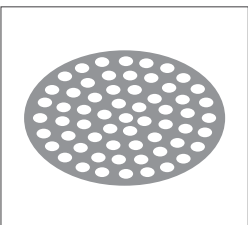
Model : CRM4019
 OD : 40 mm
 Channel Qty. : 19
 Length : 1 000 mm
 Area : 0.36 m²



Model : CRM3037
 OD : 30 mm
 Channel Qty. : 37
 Length : 1016 mm
 Area : 0.35 m²



Model : CRM4037
 OD : 40 mm
 Channel Qty. : 37
 Length : 1 200 mm
 Area : 0.50 m²



Model : CRM4061
 OD : 40 mm
 Channel Qty. : 61
 Length : 1 500 mm
 Area : 0.72 m²

CRH

Ceramic Membrane Housing



Load Qty.: 1, 3, 7, 12, 19, 37, 61, 91, 99, 138

Membrane Model: Length 250 ~ 1 500 mm / OD 25, 30, 40,

52 mm Body Material: SUS304, SS316L, Ti, PP, UPVC, etc.

Seal Type: O-rings, Single-cone, Double-cone, Packing

Seal Material: EPDM, Fluorine, Silicon, etc.

Connection Type: Flange, Clamp, Union

Pressure Rating: 1.0 MPa, 1.6 MPa



CRP

Multi-functional Membrane Pilot Machine

This pilot machine can be used for testing purpose for liquid separation / clarification / concentration by MF / UF / NF / RO membrane process.

Compact design

Full membrane range

Less holding volume

Pressure adjustability

Easy operation&disassembly

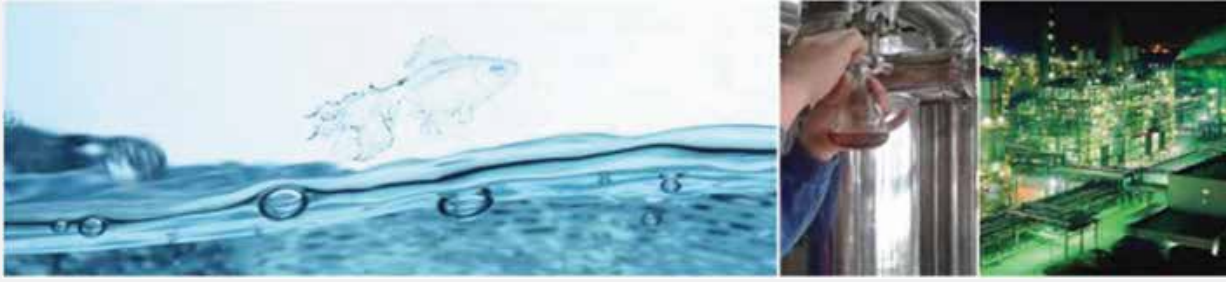
Sanitary material

CRS

Industrial Membrane Separation Systems

Pure Life, based on the ceramic membrane, has accumulated plentiful experience in industrial application of membrane technologies. Pure Life has provided the customers with professional technologies and product service, and have customized the exclusive membrane systems in response to their industrial features and individual needs.





WIDE APPLICATION VALUE ENHANCEMENT

The only reason for Pure Life to exist is to serve our customers and we regard customer's needs as the motivation for Pure Life's development.

We stick to the customer-centered and customer-oriented principle and create long-term values together with our customers to achieve win-win and mutual development.

Advantages of ceramic membrane separation

Compared with traditional filtration methods (Filter Press, Centrifuge, Flocculation, Polymeric membranes etc.):

- Reduce waste discharge, recycle valuable components
- Save energy consumption, reduce carbon emissions
- Simplify process, reduce investment and cost
- Enhance product quality, increase profit
- Increase efficiency, reduce labour cost
- Membrane integrated process offers reliable insurance for post NF, chromatograph, crystallization, evaporation
- Best choice for ultra fine separation in harsh conditions in process industry

FOCUS ON MEMBRANE SYSTEM WIN-WIN COOPERATION

Pure Life focuses on CRM ceramic membrane system and constantly improve product quality and technology levels.

Pure Life strives to provide customers with higher quality and preferential membranes and technical support.

We are looking forward to win-win cooperation and mutual development with our customers and business partners.

FRP Housing

Fiberglass Reinforced Plastic Housing

OVERVIEW

Pure Life's FRP housings are 3 to 5 times stronger than comparable steel vessels, at 50% of the weight, and they are compatible with most filter cartridges.

The lifetime of our housings is exceptional even in highly corrosive environments.



KEY FACTORS

- Housings are constructed from a proprietary fiberglass reinforced plastic barrel manufactured with a flexible and fatigue-resistant Vinyl Polyester resin.
- All wetted materials meet FDA CFR title 21 requirements.
- Engineered to minimize downtime; easy to clean and replace parts.
- Internal components are constructed of ABS. PVC and other materials are also available for special applications.
- Externals are constructed of anodized aluminum & 316 stainless steel and engineered to meet ASME Code section X.
- Buna O rings are the standard option. Viton is also available upon request.

THE PRODUCT

Pure Life has employed the advantages of FRP material and used its special inherent strength and corrosion resistance technology, to provide a superior filter vessel that is the best choice for a wide variety of uses



HPLF SERIES

The HPLF Series contains 22 filter cartridges inside a 400mm barrel. Cartridge filters flow rates are designed at 5 gpm per 10" equivalent of filter cartridges which is the recommended flow rate for sizing. Pure Life's HPLF line of vessels and filtration systems provide exceptional chemical resistance and outstanding tensile strength.

FLOW RATES

HPLG MODEL	FLOW RATE	CARTRIDGE SIZE	MO OF CARTRIDGES
22HPLF20-4PE	220D GPM (50 m3/hr)	20"	22
22HPLF30-4PE	330 GPM (75 m3/hr)	30"	22
22HPLF40-4PE	440< GPM (100 m3/hr)	40"	22
22HPLF50-4PE	550 GPM (125 m3/hr)	50"	22



HPLG SERIES

The HPLG Series contains 53 filter cartridges inside a 600mm barrel. Cartridge filters flow rates are designed at 5 gpm per 10" equivalent of filter cartridges which is the recommended flow rate for sizing.

FLOW RATES

HPLG MODEL	FLOW RATE	CARTRIDGE SIZE	MO OF CARTRIDGES
53HPLG30-6PE	795 GPM (181 m3/hr)	30"	53
53HPLG40-6PE	1.060 GPM (241 m3/hr)	40"	53
53HPLG50-6PE	1.325 GPM (301 m3/hr)	50"	53



THE COMPANY

Pure life is a QMS ISO 9001 certified global manufacturer of highly engineered filtration products, we're committed to meeting the global demand for cost effective filtration solutions, with a focus on durability and reliability, pure life products minimize downtime through an easy to maintain design.

Replacement cost are reduced by outlasting most competitors, especially in corrosive applications.

Our housings are 3 to 5 times stronger than comparable steel vessels at 50% of the weight and are compatible with most filter cartridges.

The lifetime of our housings is exceptional even in highly corrosive environments.

THE PRODUCT

Pure life has employed the advantages of FRP material and used its special inherent strength and corrosion resistance technology to provide a superior filter vessel that is the best choice for a wide variety of uses

HCFP SERIES

The HCFP series (quick-change element model) contains 360 filter cartridges inside a 1600 mm barrel.

Cartridge filters flow rates are designed at 5 gpm per 10" equivalent of filter cartridges which is the recommended flow rate for sizing.

The pure life line of vessels and filtration systems provide exceptional chemical resistance and outstanding tensile strength.

KEY FACTORS

- Housings are constructed from a proprietary fiberglass reinforced plastic barrel manufactured with a flexible and fatigue-resistant vinyl ester resin.
- All wetted materials meet FDA CFR title 21 requirements.
- Engineered to minimize downtime; easy to clean and replace parts.
- Internal components are constructed of ABS, PVC and other materials are also available for specialized applications.
- Externals are constructed of FRP/GRV and 316 stainless steel and engineered to meet ASME code section X.
- EPDM O-rings are standard, viton is also available upon request.

FLOW RATES

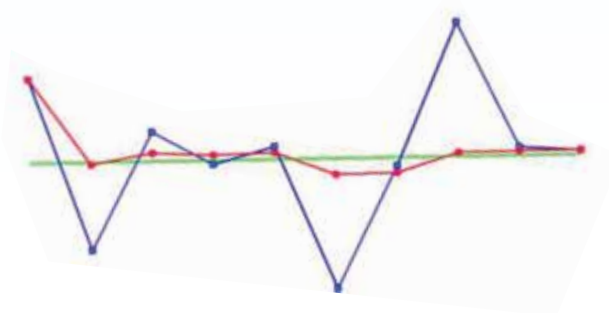
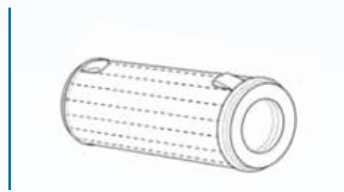
HCFP model	flow rate	element size	No. of elements
360 HCFP 60 20FF	10,800 GPM (2,453 m ³ /hr)	60°	360
360 HCFP 70 20FF	12,600 GPM (2,862 m ³ /hr)	70°	360



PURE LIFE

Manufacturing Filters & RO Systems

Others



Water Filters Components



F Cap
06



BP Core Extender
05



BP Cage
04



H Cap
03



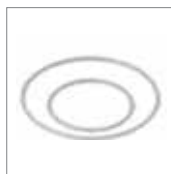
H2 Cap
02



F Cap
01



BP 222
12



O-Rings
11



7in. Collar Flange
10



In. Collar Flange
09



I Cap
08



K Cap
07



E Cap
18



E Cap
17



A Cap
16



X Cap
15



BP 226
14



C Cap
13



BP Cage
24



BP Open
23



B Cap 1
22



B Cap
21



4 in. Collar
20



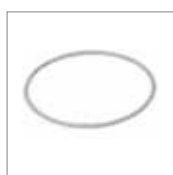
BP Fin Cap
19



I Cap
30



A Cap
29



O-Ring
28



TEXT
27



Spring
26



K Cap
25



Filter Wrench
35



Filter Housing
34



Filter Housing
33



Noritsu Core
32



H2 Cap
31



Welcom To Our Factory

We specialized in

- Manufacturing of Housing Cartridge Filter.
- Manufacturing of Multimedia filters .
- Manufacturing of Sedimentation tanks .
- Manufacturing and installation of water treatment.
- Installation of GLS tanks.

Our Factory



CERTIFICATES

We are proud to offer,



NSF/ANSI 42

cartridge filters !



Always confirm this information by clicking on the below link for the most accurate information:

<http://info.nsf.org/certified/DWTU/Listings.asp?company=C0423616 & Standard=042>



OFFICIAL LISTING

NSF certifies that the products appearing on this Listing conform to the requirements of
NSF/ANSI 42 - Drinking Water Treatment Units - Aesthetic Effects

This is the Official Listing recorded on July 30, 2019.

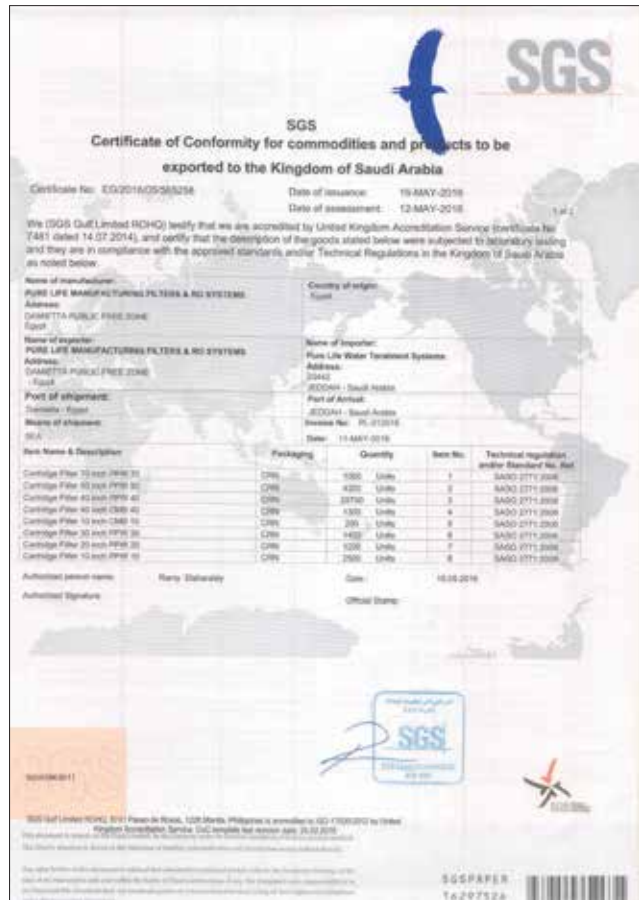
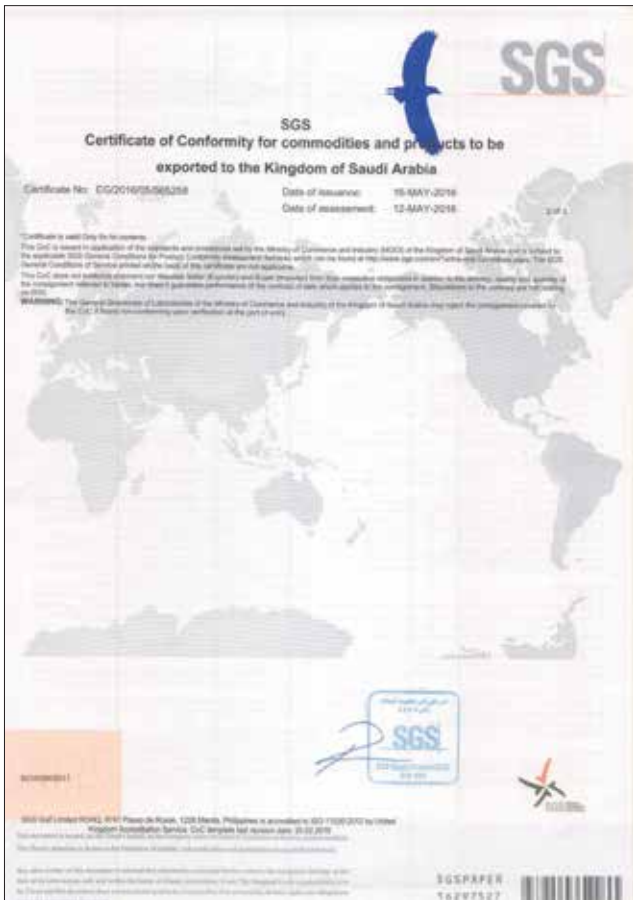
Pure Life Manufacturing Filters and RO Systems Co., Ltd.
New Damietta Road, E-7
Public Free Zone
Damietta 34511
Egypt
20 57 229 0057

Facility: Damietta, Egypt

COMPONENTS: Filter Cartridges [1] [Pb]
CMBX-Y / CMBJX-Y PPWX-Y / PPWJX-Y

- [1] X - Represents 2.5" diameter and length range 1" to 80"
- JX - Represents 4.5" diameter and length range 1" to 80"
- Y - Represents micron range 0.2 µm to 200 µm

[Pb] Product also evaluated and determined to possess weighted average lead content of <=0.25% and complies with lead content requirements for "lead free" plumbing as defined by California, Vermont, Maryland, and Louisiana state laws and the U.S. Safe Drinking Water Act.






CERTIFICATE OF EVALUATION
Pure Life Manufacturing filters

The tested (**Pure Life**) cartridge filters were carried out in comparison with one of the market available filters as a reference. Based on this test result, it is certified that the performance of **Pure Life** cartridge filters is comparable to the reference cartridge filter in terms of SDI, turbidity and TSS.


Hence, it can be used in commercial RO plants designed by our company.

Certificate of Membership
PureLife Filters

HAVING CLEARLY EVIDENCED SINCERE INTEREST IN THE PROGRESS AND THE DEVELOPMENT OF WATER QUALITY FOR ALL MANKIND YOU ARE HEREBY ELECTED TO MEMBERSHIP WITH FULL PRIVILEGES IN

WATER QUALITY ASSOCIATION




Saline Water Conversion Corporation
Desalination Technologies Research Institute

CERTIFICATE OF EVALUATION
Certificate No. CPC-3811-17-02/ V-1 dated 17/01/2018

AWARDED TO
Pure Life Manufacturing filters & RO systems

The test (Pure Life) cartridge filter was carried out in comparison with one of the market available filters used in SWCC as reference. The duration of the test was three months started on 10th October, 2017 ended on 10th January, 2018.

Based on the test result, it is certified that the performance of Pure Life cartridge filter is comparable to the reference cartridges filter in terms of SDI, turbidity and TSS.

Hence, it can be used in Commercial SWRO plants.

For more details of the test, please refer to Technical Report No. CPC-3811-17-02-V-1 dated 17/01/18



Dr. Ahmad Saleh Mohammedi Alamsouli
Director General, DTIR



P.O. Box: 8238, Al Bahig 11211, Kingdom of Saudi Arabia
Tel: 00966 11 44711 Fax: 00966 11 44711 E-mail: info@swcc.gov.sa



Certificate of Evaluation

This is to certify that the test of micron cartridge filter (MCF) by Pure Life was carried out at Rabigh Power Company, LLC and based on the test result, it is certified that the performance of Pure Life cartridge filter is acceptable in terms of SDI, turbidity and TSS. Hence, it can be used in Rabigh Power Company.



Baker Al Amri
Water Treatment Department Head



Akram Al Maghribi
Plant General Manager



Rabigh Power Company, LLC P.O. Box 443888 - 21511, Rabigh North, Tel: 0134212000, Fax: 0134212011, E-mail: info@rpc.com.sa

Analytical Report Nr. AR-20-YL-006597-01
Sample code Nr. 560-2020-00007504
Date 20/10/2020

ANALYTICAL REPORT

Client Information

Eurofins Cosmetics and Personal Care Italy Srl
Lungotevere A. da Brescia, 11
ROMA ITALY

StaffCOSME@eurofins.com

For the attention of Dept Reports & Sample Registration

Sample Information

Order Code: EUAA70-00008782
Reception Date: 19-Oct-2020
Analysis Starting Date: 19-Oct-2020
Analysis Ending Date: 20-Oct-2020
Sample described as: Mask material

Information provided by the customer:

Client Reference: S013-2020 to S020-2020 - Melt Blown Fabric PP
Sample Description: PureLife Manufacturing Filters and RO Systems
Customer requirements: No requirements
Purchase Order Number:

Decision rule Not applicable. **Batch** Samples

Analytical Report Nr.

AR-20-YL-006597-01

Sample code Nr.

560-2020-00007504

Date

20/10/2020


SAMPLE PICTURE**Eurofins Textile Testing Spain, S.L.**

Calle Germán Bernácer, 4

03203 Elche

SPAIN

Phone+34 966 299 638

www.eurofins.com/texENAC is signatory of EA and ILAC Multilateral Agreement for testing
Activities not covered by ENAC accreditation are marked with 

Analytical Report Nr. AR-20-YL-006597-01
Sample code Nr. 560-2020-00007504
Date 20/10/2020

CONCLUSION:

TEST PROPERTY	PASS	FAIL	REMARKS
Breathability (Differential Pressure) EN 14683:2019+AC:2019 Annex C			
RAW PRODUCT			REFER RESULT

Remark: Test has been performed as per application request

Analytical Report Nr. AR-20-YL-006597-01
Sample code Nr. 560-2020-00007504
Date 20/10/2020

COMPONENT LIST:

COMPONENT ID	COMPONENT NAME	MATERIAL DESCRIPTION	COLOR	REMARKS
RAW PRODUCT		Mask material	White	---

Analytical Report Nr. AR-20-YL-006597-01
Sample code Nr. 560-2020-00007504
Date 20/10/2020

MASKS TESTING	CAS No.	RESULTS	UNC.	LOQ	GUIDELINES
---------------	---------	---------	------	-----	------------

Analyses on:RAW PRODUCT

Breathability (Differential Pressure)

Analysis Ending Date: 20/10/2020

EN 14683:2019+AC:2019 Annex C

Differential pressure

44.2 Pa/cm²

-

Complete test data reported at Annex.

Analytical Report Nr.	AR-20-YL-006597-01
Sample code Nr.	560-2020-00007504
Date	20/10/2020

Signed for and on behalf of Eurofins Textile Testing Spain:



Report electronically validated by

Axel Ferrando

Physical-Mechanical Lab Manager

EXPLANATORY NOTE

- ◆ Test not covered by ENAC accreditation scope
 - Test is subcontracted within Eurofins group and is accredited
 - Test is subcontracted within Eurofins group and is not accredited
 - Test is subcontracted outside Eurofins group and is accredited
 - Test is subcontracted outside Eurofins group and is not accredited
- N/A = Not Applicable

Eurofins General Sales Terms and Conditions applied.

Results obtained refer only to samples, products or material received in Laboratory, as described in point related to sample description, and tested in conditions shown in present report.

Test uncertainties not reported are at customer disposal.

If you happen to have any comments, please do it by sending email to textile_spain@eurofins.com and referring to this report number.

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End Of Report

Eurofins Textile Testing Spain, S.L.

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SPAIN

Phone+34 966 299 638

www.eurofins.com/tex



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Activities not covered by ENAC accreditation are marked with ◆●○□■

METHOD FOR DETERMINATION OF BREATHABILITY (DIFFERENTIAL PRESSURE)

Test Method: EN 14683: 2019+AC: 2019 Annex C

Number of test specimens: 5

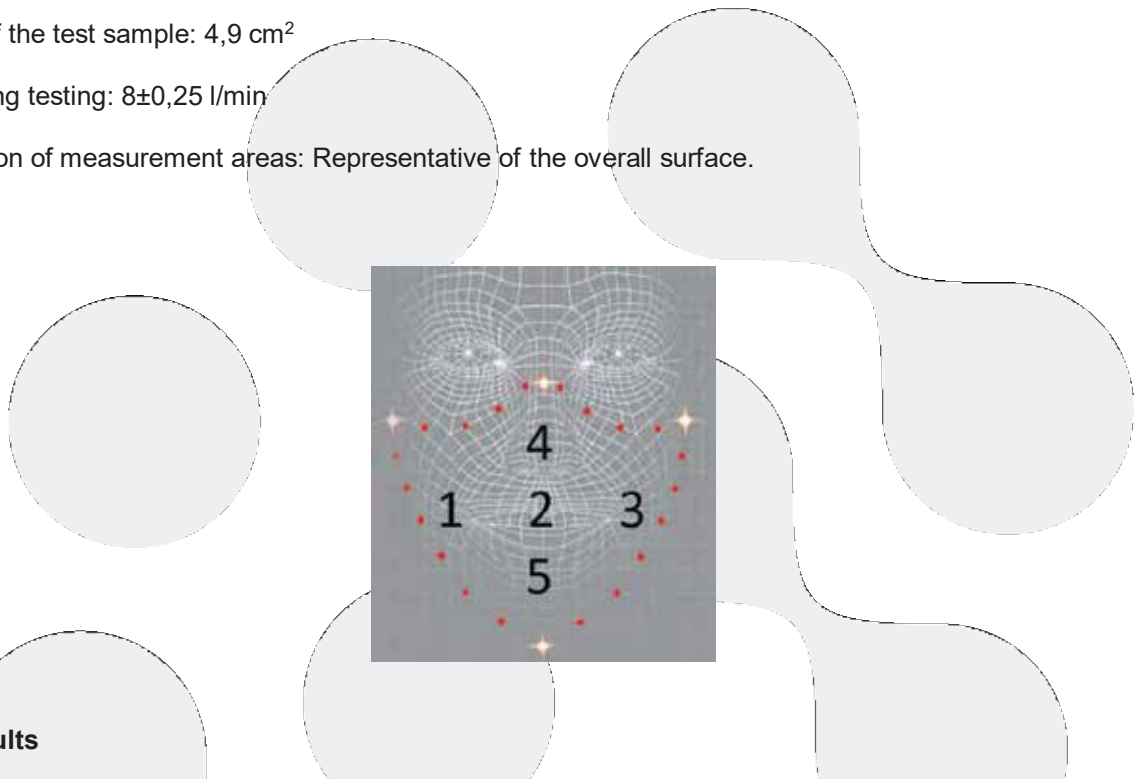
Number of test per specimen: 5

Sample area tested: Circular, diameter 2,5 cm

Tested area of the test sample: 4,9 cm²

Flow rate during testing: 8±0,25 l/min

General location of measurement areas: Representative of the overall surface.




Results

Specimen	Units (Pa)					Mean value (Pa)	ΔP (Pa/cm ²)
	Position 1	Position 2	Position 3	Position 4	Position 5		
1	221	208	185	230	217	212	43,3
2	220	210	242	226	234	226	46,2
3	228	192	207	219	235	216	44,1
4	214	202	210	206	239	214	43,7
5	203	220	219	212	214	214	43,6
						Mean Value	44,2
						Uncertainty	± 1,6

Observation:

For thick and rigid masks the test method may not be suitable as a proper seal cannot be maintained in the sample holder.

TEST REPORT	Refer to Analytical Report Number																				
SPONSOR	PureLife																				
	Damietta Port – Free zone																				
	New Damietta																				
	EGYPT																				
TEST METHOD	Bacterial Filtration Efficiency (BFE) – EN 14683:2019+AC:2019 App B																				
TEST ITEM - INFORMATION FROM THE SPONSOR																					
PRODUCT NAME	Melt Blown Fabric PP																				
MATRIX OF THE PRODUCT	Face Mask																				
BATCH	Samples	CODE	S001-2020 to S012-2020																		
EUROFINS COSMETICS & PERSONAL CARE ITALY IDENTIFICATION																					
MATERIAL ITEM ALIQUOT	N720AA0270 -1																				
PARCEL REGISTRATION N.	IP-N7-2020290-AAD	RECEIVING DATE	16 Oct 2020																		
ANALYSIS STARTING DATE	19 Oct 2020	ANALYSIS ENDING DATE	20 Oct 2020																		
EXPERIMENTAL CONDITIONS	Dimension of the test specimen: 200 mm x 175 mm Size of the area tested: 49 cm ² Flow rate during testing: 28,3 l/min Inner side of the mask to the aerosol challenge.																				
PHOTO OF THE TEST ITEM																					
RESULTS	<table border="1"> <thead> <tr> <th></th> <th>RESULT</th> <th>UNIT</th> </tr> </thead> <tbody> <tr> <td>ALIQUOT 1</td> <td>99,88</td> <td>%</td> </tr> <tr> <td>ALIQUOT 2</td> <td>99,84</td> <td>%</td> </tr> <tr> <td>ALIQUOT 3</td> <td>99,23</td> <td>%</td> </tr> <tr> <td>ALIQUOT 4</td> <td>99,92</td> <td>%</td> </tr> <tr> <td>ALIQUOT 5</td> <td>99,84</td> <td>%</td> </tr> </tbody> </table>				RESULT	UNIT	ALIQUOT 1	99,88	%	ALIQUOT 2	99,84	%	ALIQUOT 3	99,23	%	ALIQUOT 4	99,92	%	ALIQUOT 5	99,84	%
	RESULT	UNIT																			
ALIQUOT 1	99,88	%																			
ALIQUOT 2	99,84	%																			
ALIQUOT 3	99,23	%																			
ALIQUOT 4	99,92	%																			
ALIQUOT 5	99,84	%																			
DETAILED RESULTS	See Addendum N. 1 (1 page)																				

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Eurofins Cosmetics & Personal Care Italy Srl – via B.Buozzi 2, Vimodrone (Milano), Italy –
P.IVA / VAT Number: 05533561006

Tel: +39-022507151 – Fax: +39-0225071599 – E-mail: : InfoCosme@eurofins.com

Addendum N.1

LAB N° 1827 L

Started on: 19/10/2020

Batch: N720AA0270

Sample description: S001-2020 to S012-2020 - Melt Blown Fabric PP

Lot Number: Samples

Negative Control Plate Counts

	Stage 1	Stage 2	Stage 3*	Stage 4*	Stage 5*	Stage 6*	Mean
Negative Control (CFU)	0	0	0	0	0	0	0

*number of colonies adjusted with positive-hole correction table

Positive Controls Plate Counts

	Stage 1	Stage 2	Stage 3*	Stage 4*	Stage 5*	Stage 6*	Total CFU
Size of particle (µm)	7,00	4,70	3,30	2,10	1,10	0,65	
Positive Control N.1 (CFU)	101	207	703	362	298	254	1925
Positive Control N.2 (CFU)	179	329	1064	606	472	335	2985

*number of colonies adjusted with positive-hole correction table

Mean of the total plate counts of the two positive controls (CFU): 2455

Mean Particle Size (MPS)

	MPS
Positive Control N.1 (µm)	2,73
Positive Control N.2 (µm)	2,79
Mean (µm)	2,76

Test specimens Plate Counts

	Stage 1	Stage 2	Stage 3*	Stage 4*	Stage 5*	Stage 6*	Total CFU
N720AA0270-1 - Aliquot 1	0	0	0	0	1	2	3
N720AA0270-1 - Aliquot 2	0	0	0	1	1	2	4
N720AA0270-1 - Aliquot 3	0	0	0	2	6	11	19
N720AA0270-1 - Aliquot 4	0	0	0	0	1	1	2
N720AA0270-1 - Aliquot 5	0	0	0	1	1	2	4

*number of colonies adjusted with positive-hole correction table

Test specimens Bacterial Filtration Efficiency (BFE)

	BFE (%)
N720AA0270-1 - Aliquot 1	99,88
N720AA0270-1 - Aliquot 2	99,84
N720AA0270-1 - Aliquot 3	99,23
N720AA0270-1 - Aliquot 4	99,92
N720AA0270-1 - Aliquot 5	99,84

Eurofins Cosmetics & Personal Care Italy Srl – via B.Buozzi 2, Vimodrone (Milano), Italy –

P.IVA / VAT Number: 05533561006

Tel: +39-022507151 – Fax: +39-0225071599 – E-mail: : InfoCosme@eurofins.com

Reviewed and electronically signed for Technical Supervisor Approval by
Martina Casini, Laboratory Manager
for Eurofins Cosmetic & Personal Care Italy Srl, on 03-Nov-2020 09:56:49 UTC+01:00

PureLife
Damietta Port - Free zone
New Damietta,
EG

Client Account Number: A00928033087
Eurofins Quote Number: N3OPPT20008502

Eurofins Sample Number N720AA0497-1

Original Received Date:	29-Oct-2020
Description:	S066-2020 - Melt Blown Fabric PP
Lot Number:	Samples

Analysis	Result	Unit
Weight Evaluation	25	gsm
Method: Internal Method		
Analysis Date: 29-Oct-2020 to 29-Oct-2020		

Contracted Company: Eurofins Cosmetic & Personal Care Italy (Vimodrone)

via Bruno Buozzi, 2, Vimodrone (MI), IT-20055 Italy
InfoCosme@eurofins.com

Questions about this report should be directed to your project manager or the general email listed above.

Reviewed and electronically signed for Technical Supervisor Approval by
Martina Casini, Laboratory Manager
for Eurofins Cosmetic & Personal Care Italy Srl, on 03-Nov-2020 09:56:49 UTC+01:00



المحترمين

السادة / شركة عبد الله أبونيان التجارية

السلام عليكم ورحمة الله وبركاته،

إشارة إلى طلبكم لاعتماد مصنع Pure Life Manufacturing Filters

and RO Systems في دولة مصر ،

نفيدكم بأنه تم اعتماد ما يلي:

المواصفات Description		المنتجات products	رقم المصنع Manufacturer ID	اسم المصنع Manufacturer name
CMB	PPW	Cartridge Filters	20793	Pure Life Manufacturing Filters and RO Systems
PP plated Filter	CTO			
FRP Housing				

وذلك بموجب التعميم رقم الصادر رقم (١٤٤٢/٣٨٢٧/٢٣٧١٦١) بتاريخ ١٤٤٢/٠٤/٢٢هـ،
ولمدة عامين من تاريخه على أن يتعاقد هذا المصنع مع مختبر محايد ومعتمد لاختبار المنتجات
المشار إليها بالجدول أعلاه عند توريدها للتأكد من مطابقتها للمواصفات، دون أن تتحمل الوزارة
وشركة المياه الوطنية تكلفة هذه الاختبارات.

مع أطيب تحياتي،،،

مدير عام سلسلة الامداد

عنه موسى بن أحمد البارقي

17 DEC 2020

Contact Us

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