Palaye Sazan farayand

TOOS

INDUSTRIAL AND DOMESTIC
WATER TREATMENT RO SYSTEMS & FILTERS

PALAYE SAZAN FARAYAND

TOOS

The largest producer and designer membranes, string wound, Polypropylene cartridge filters, polyphosphate, Special and carbon filters and Other special filters and parts and RO systems with ISO9001:2015 Quality Management System and Certificate of quality assurance of products in accordance with EU standard CE from the Alliance Canada.

About us

PALAYE SAZAN FARAYAND TOOS company was stablished in 2010 .We are specializes in the design and producer of high quality water treatment filter with a lot of experience in the industrial and domestic water treatment has enabled us to produce durable filter that performs well in almost any application.

Types of products are:

1-Domestic and industrial membrane filters
2-Melt blown polypropylene and String wound cartridge filters
3-Melt blown polypropylene and String wound Jumbo filters
4- Granular activated carbon (GAC),activated carbon block(CTO)
5-Mineral and post carbon filters.
6- polyphosphate filters
7-Refrigerator filters
8-Type of RO system(domestic, semi-industrial and industrial)

We are believe at PALAYE SAZAN FARAYAND TOOS:

Water is the most priceless gift of nature and Every human should have access to pure water free from all contaminations,We persist to develop our company based on highest quality, In this regard, the company is equipped with a quality control unit with advanced laboratory equipment, including the particle counter, for precise measurement of micron for filters.

Our goal

Our goal is to deliver the excellent product which come with super quality and good price, allowing you to focus with confidence on building your business.

Customer Satisfaction :

We believe that customer satisfaction should be our highest priority ensuring you get the very best from us. For this reason we have a team of trained people ready to help and advise you. This is why we carefully manufacturer high quality filters for you.

Some products...

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String Wound Cartridge Filters

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Granular Activated Carbon Filters(GAC)

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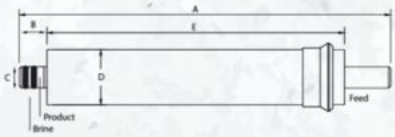
Domestic Membrane Filters

Membrane filters 1812 are known as domestic membranes, which are mainly used in small systems such as domestic water treatment systems or hospital and laboratory treatment systems. These membranes are suitable for desalinization salt water less than 2000ppm such as surface waters, groundwater and urban water.

50 gal | 75 gal | 100 gal

Product Specifications	Model 1812	100 gal	75 gal	50 gal
	Effective Filtration Level	9.5ft²(0.84 m²)	6 ft²(0.56 m²)	4.7ft²(0.44 m²)
	Production	100 GPD(0.4 m³/d)	75 GPD(0.3 m³/d)	50 GPD(0.2 m³/d)
	Minimum Salt Excretion	95%		
	Sustained Salt Excretion	97%		
	Dimensions	11.5(297)	A Inches(mm)	
		0.85(21)	B Inches(mm)	
		0.68(17)	C Inches(mm)	
		1.73(44)	D Inches(mm)	
		10(254)	E Inches(mm)	



Working Conditions:

- Maximum working pressure: 300psi (2.07Mpa)
- Maximum inlet water temperature: 45 ° C
- Max SDI Input: 5
- Permissable Free Chlorine value for inlet water: 0.1 ppm>
- Inlet water PH value in continuous operation: 3-10
- Inlet water PH value when washing chemical: 2-12
- Maximum pressure drop: 10psi (0.07Mpa)

Applications:

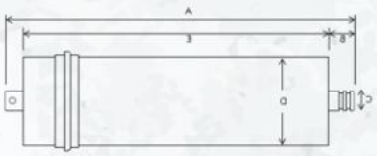
- Domestic use
- Boiler water
- Food industry
- Pharmacy

Test Conditions:

- Test pressure: 0.41Mpa (60 PSI)
- Temperature: 25 ° C
- Concentration of salt solution: 1700ppm
- Test solution: 7.5
- Water production: 15%

Semi - Industrial Filters

2812, 3012, 3013 filters used as semi- industrial elements. these filters used in small industry such as laboratory and medication. These filters have high flow. They have fast start-up time and high life. These filters have packaged as dry.



Working Conditions:

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- Inlet water PH value when washing chemical: 2-12
- Maximum pressure drop: 10psi (0.07Mpa)

Test Conditions:

- Test pressure: 0.41Mpa (60 PSI)
- Temperature: 25 ° C
- Concentration of salt solution: 1700ppm
- Test solution: 7.5
- Water production: 15%

Product Specifications	Model		3013 300 gal	3012 400 gal	2812 300 gal	2812 200 gal
	Effective Filtration Level		17(1.6)	21.5(2)	18(1.7)	15(1.4)
	Production		300(1.14)	400(1.5)	300(1.14)	200(0.75)
	Minimum Salt Excretion		95%			
	Sustained Salt Excretion		97%			
	Dimensions	A Inches(mm)	11.5(297)			
		B Inches(mm)	0.85(21)			
		C Inches(mm)	0.68(17)			
		D Inches(mm)	3(75)	2.8(71.1)	2.8(71.1)	2.8(71.1)
		E Inches(mm)	10(254)			

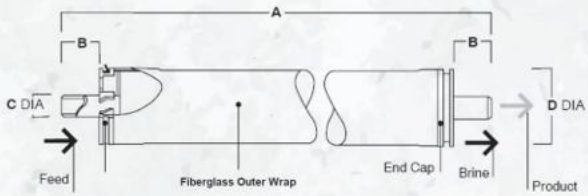
Industrial Membrane Filters

Industrial membranes are highly absorbent and therefore a good choice for use in RO systems. Membranes are type of torsion elements that have a Tight structure that designed for customers demand.

4 Inch Membrane:

A	B	C	D
Inches(mm)	Inches(mm)	Inches(mm)	Inches(mm)
40(1016)	1.05(25.7)	0.75(19)	3.9(99)

Product Specifications	Input Spacer Dimensions	27 mil
	The Amount Of Water Flow Produced	2900 GPD(11 m^3/d)
	Minimum Salt Excretion	98.5%
	Sustained Salt Excretion	99%



Maintenance Conditions:

- Efficiency and flow production according to lab standard test result are in 25°C , PH=7.5,recovery= 15%, pressure=225psi, con=3000µS/cm condition
- These filters to pack wet & have a solution keeper
- For keeping wet filters for long time must exchange keeper solution and vacuum again every 6 mounth.
- For keeping in stoke must have 25 c degree and keep away from direct sunlight.

Packing Method:

- Plastic vacuum for prevent from filter drying use
- Acoustics are used to prevent damage to the filters during transport.

Product Specifications	
Kind Of Membrane	Poly amid membrane
Maximum Working Temperature	113◦F(45◦C)
Working Pressure	225 psig(15.5 Bar)
Maximum Working Pressure	600 psig(41 bar)
Maximum Pressure Drop	15 psig(1 bar)
PH Interval In Continuous Operating Conditions	70 gpm(16 m^3/h)
Maximum SDI	2-11
Maximum Amount Of Free Chlorine	5
	<0.1 ppm

Advantages And Features

- Removal of salinity and salts in water
- Removing chemical contaminants
- Acid flow recovery
- Water supply for evaporators
- Reduce sewage by increasing the flow of pure water

Applications

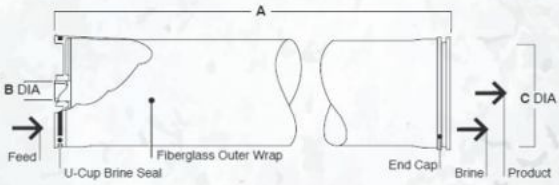
- Reverse osmosis
- Industrial desalination
- Water supply for Industrial processes
- Food Industries
- Chemical processes
- Steel Industries
- Nano filtration
- Extraction of urban drinking water from wells

Design Information

Model	Produced Water Flow GPD(m3/day)	Spacer Thinkness	Effective Surface
4040	2.500(9.5)	90(84)	27
8040	12.000(45.4)	400(37.1)	27

Physical Dimensions

Model	Pipe End Condition	Dimensions, Inches(mm)			Weight
		A	B	C	(kg) lbs
4040	male	40.0(1.016)	3.9(99)	0.75(19.1)	9(4)
8040	female	40.0(1.016)	7.9(2.1)	1.50(38.1)	36(16)



8 Inch Membrane:

Product Specifications	A	B	C
	Inches(mm)	Inches(mm)	Inches(mm)
	40(1016)	1.125(29)	7.9(201)
Input Spacer Dimensions	27 mil		
Effective Filtration Level	410ft^2(37.5 m^2)		
The Amount Of Water Flow Produced	10000 GPD(38 m^3/d)		
Minimum Salt Excretion	98.5%		
Sustained Salt Excretion	99%		

Melt Blown Polypropylene Cartridge Filters

Melt blown polypropylene cartridges are manufactured from 100 percent pure polypropylene fibres. These cartridges are designed for turbidity, sediment, suspended matter removal, providing water purity. These cartridges will not cause any water tastes, odors or color when used within the required temperature range. Melt blown filters structure this company consists of three layers are that each layer has porous 3D.
Melt blown fiber diameter forming this layers from outside to inside is variable that the result it will be fluid filtration as step, absorption capacity most of the particles and long service life. The filters according to customer requirement In the case of the washer and caps have produced.

Features And Benefits

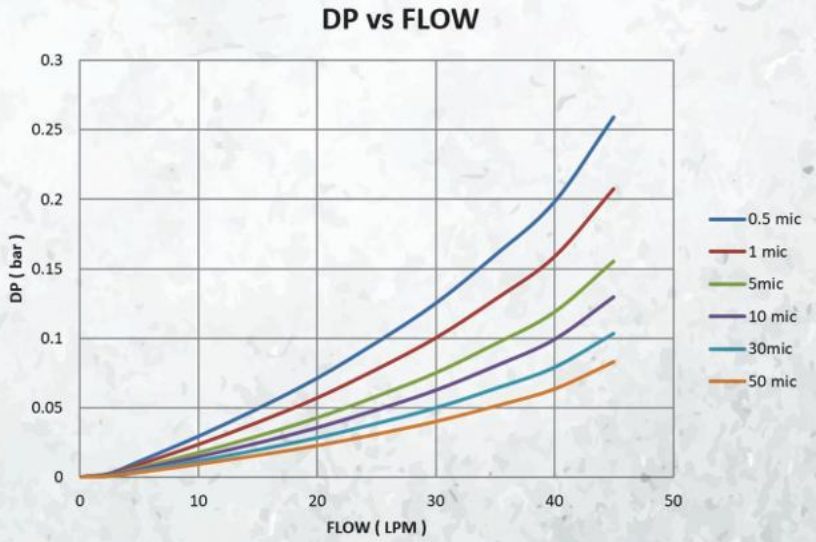
- High filtration power for filters manufactured with meltblown technology
- The high storage capacity of contamination because of the porous 3D in the filters layers
- High economic advantage
- Three layers structure cartridge with 100% polypropylene for compatibility with a wide range of process fluid
- Low pressure drop
- lack creation dust and odors in the water
- Use of raw materials food grade
- Without fiber separation
- High chemical resistance against fluid, acidic and chemicals
- In accordance with FDA requirements
- Use welding for caps connection without any thermal glue.

Technical Specifications

Model	Melt Blown Polypropylene Cartridge Filters	Measure
Filtration	0.1-0.5-1-3-5-10-25-50-75-100	Micron
High	5- 10- 20- 30- 40-50	Inch
Inner Diameter	28- 32- 34- 38	mm
Outer Diameter	custom-built 48-115	mm
kind	100%	Polypropylene
Pressure Drop	75°	°C
Initial Efficiency	75	%
Final Efficiency	95	%
Pressure Drop	According To The Chart	Bar

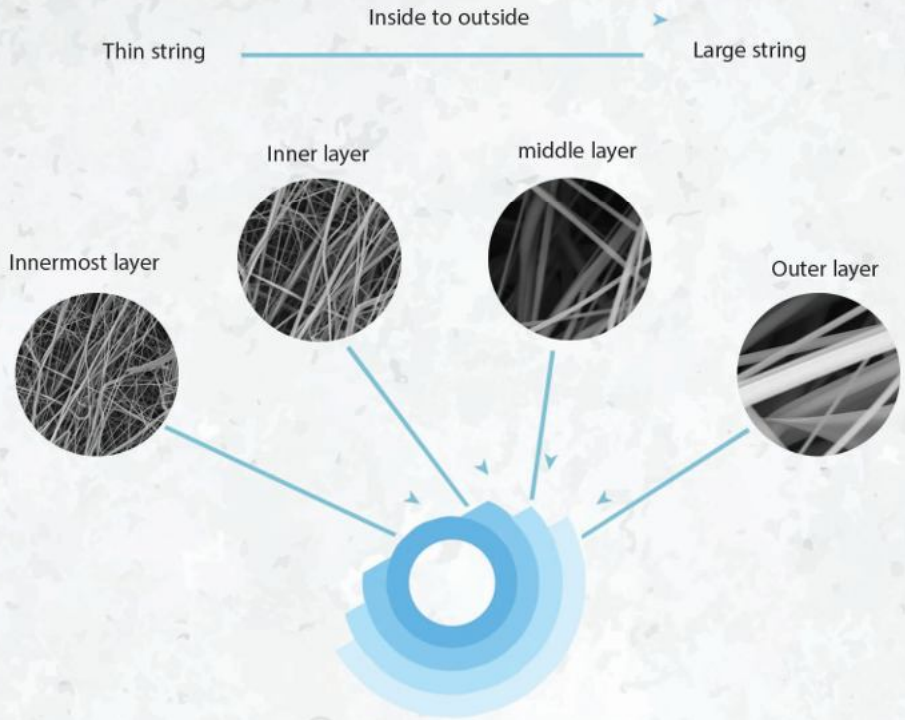
Applications

- Pre-filter for water treatment systems
- Water filteration for cooling systems in the semiconductor industries
- Chemical fluid filteration with low and medium density
- Waste water treatment
- Color filteration in the painting industry
- Petrochemical
- Food industrial
- Pharmacy
- Chemicals industrial
- Petrochemicals and power plants



Melt Blown PP Jumbo Filters

This filter is approx. 4.5" in diameter and its larger surface area for much greater and efficient filtration than slim cartridge filters therefore it is a much more efficient at filtering sediment, rust, dirt, muck, and particles from your water than any other polypropylene cartridge filters.
Also used as a prefilter protector of any UV filter, water softener or other system for added protection against sediments and other contaminants.



The structure of polypropylene cartridge filters

Technical Specifications

Model	Jumbo Filters	Measure
Filtration	1-5-50-100	Micron
Material	100%	Polypropylene
High	10 - 20	Inch
Inner Diameter	28 - 38	mm
Outer Diameter	101	mm
Max Temperature	52	°c
Initial Efficiency	75	%
Final Efficiency	95	%

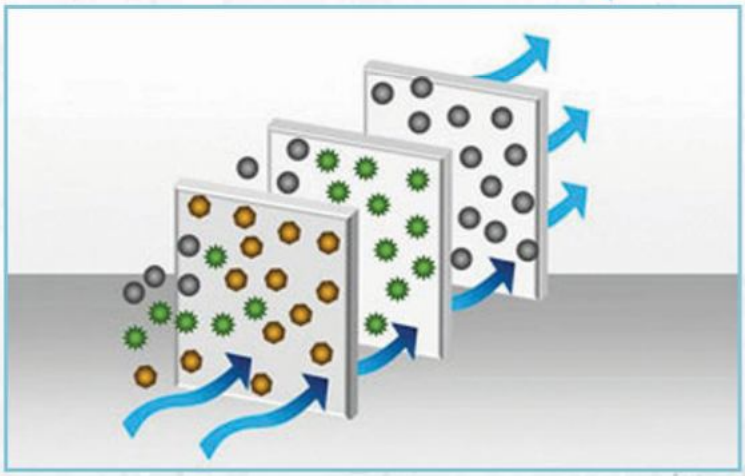
Features And Benefits

- Three-layers structure for high capacity storage of contaminations and long service life
- Filteration with high accuracy in difficult situations
- 100% made of polypropylene fibers with high chemical resistance and compatible with a wide range of process fluid
- Long service time and low pressure drop
- Stable performance

JPF-10 JPF-20

Applications

- Mineral water filtration and pool
- Pre-filter for RO systems
- Pre-filtration for low viscosity chemicals
- Rust, sand, sediments removal
- Food & beverage

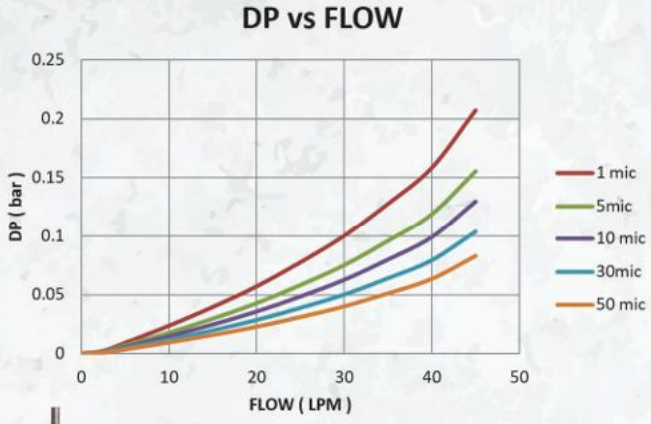


Layers operation at the melt blown polypropylene jumbo filters

String Wound Cartridge Filters

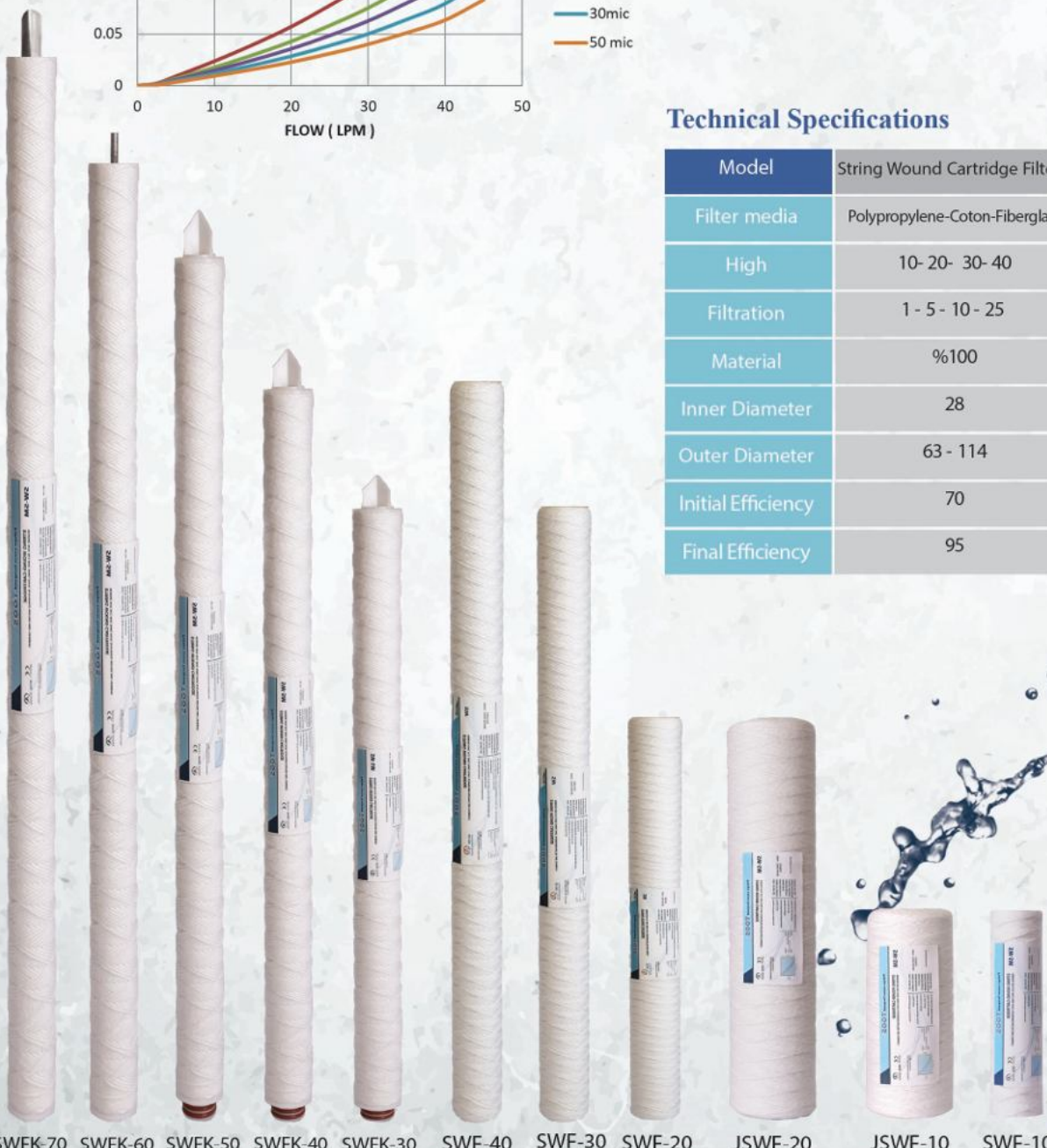
String wound filter cartridge are structured loose outer layers and tight inner layers which can offer true depth filtration for high dirt holding capacity and extremely low media migration to ensure temperature and chemical compatibility.

String wound cartridges are manufactured from durable 100 % polypropylene string that is wound tight to a rigid polypropylene core for best filtration. This filter is a piece and has hundreds of dimond shaped tunnel, which gradually becomes smaller than the outer diameter toward the core.



Technical Specifications

Model	String Wound Cartridge Filters	Measure
Filter media	Polypropylene-Coton-Fiberglass	-
High	10- 20- 30- 40	Inch
Filtration	1 - 5 - 10 - 25	Micron
Material	%100	Polypropylene
Inner Diameter	28	mm
Outer Diameter	63 - 114	mm
Initial Efficiency	70	%
Final Efficiency	95	%



Caps specification Table For Types Of Filters

No	PP Filter Name	Micron Rating	Diameter(mm)		Caps Condition		Thermal Resistance (°C)	Application
			Inner	Outer	Head Cap	End Cap		
1	PP	1 to 100	28	63			75	Water Treatment Systems
2	PP With 222 Head Cap And Endcap	1 to 100	28	44.5 (Oring Diameter)			75	Water Treatment Systems
3	PP With 226 Head Cap And Fin	1 to 100	28	53.5 (Oring Diameter)			75	Water Treatment Systems
4	PP With 222 Head Cap And Fin	1 to 100	28	44.5 (Oring Diameter)			75	Water Treatment Systems
5	PP With 226 Head Cap And Endcap	1 to 100	28	53.5 (Oring Diameter)			75	Water Treatment Systems

Features And Benefits

- High absorption capacity of the particles and impurities
- Long service and low pressure drop
- No taste and smell and use of raw materials with sanitary grade
- Use the appropriate core according to the need for application in different temperatures and chemical conditions
- String wound cartridges remove dirt, silt, grit, sand, rust, suspended matter and turbidity

Applications

- Drinking water systems
- Chemical processes
- Medical
- Plating
- Ro systems

Functional Condition For Different Types Of Yarns	
Polypropylene	60°C - 70°C
Polyester	110°C - 120°C
Cotton	120°C - 140°C

Spun Polypropylene Cartridge Filters

Spun bonded polypropylene cartridge filters are manufactured through a process that thermally bonds pure polypropylene microfibers with lower density at the outside surface and progressively higher density toward the center.

PP-50 PP-40 PP-30 PP-20 PP-10

Applications

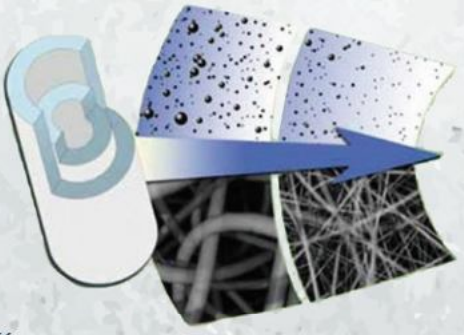
Spun polypropylene cartridges can be used either as a pre-filter or final filter for industrial, chemical process, pharmaceutical, food/beverage, water and other applications.

Features And Benefits

- Reduce mud and rust particles
- Composed of two separate layers to enhance maintaincapacity impurities than string wound filters
- Make from spun polypropylene for high chemical resistance and removing bacteria
- Accordance with international standards and can be used in the industrial and domestic water treatment system
- Filtration rate above 85 percent for removing particles and impurities

Technical Specifications

Model	Spun Polypropylene Cartridge filters	Measure
Filtration	5 up to 50	Micron
Material	%100	Polypropylene
High	10-20-30-40-50	Inch
Inner Diameter	28	mm
Outer Diameter	110	mm
Temperature Rating	4 up to 62	°C



Structure and function of the layers at the contaminants storage in the cartridge filters

Carbon Filters

Activated carbon can be made from coal, wood, coconut shell, Walnut sell or almond sell. Coconut shell is the most expensive and effective from other types. Carbon is "activated" by adding a positive charge, which enhances the adsorption and reduction of contaminants which have a negative charge.
Activated carbon removes impurities, chemical and contaminants from water but they are not effective at removing heavy metals, nitrates, inorganic contaminants are sediments.

Carbon filters are produced by the company are with high quality coconut shell carbon and regard to plant origin and resources free of harmful contaminants are such as heavy metals and also are suitable for use in medical, food and industry.

Carbon Filters At The Water Treatment Systems

There are 2 types of active carbon that are used in water treatment: granular avticated carbon (GAC) and avtivated carbon block (CTO) that in general, activated carbon block are more effective at removing a larger number of contaminants.

Activated Carbon Specifications	Mesh	8×30
	Volumetric Mass	450±75(g/l)
	Ash	12±3 %
	PH	10
	Iodine Number	1000±50
	Hardness	97±2 %
	Wet	3.5±2 %

Carbon Block Filters (CTO)

Carbon block filters are manufactured with high purity coconut shell activated carbon with high performance and great dirt-holding capacity. Carbon blocks are ideal for reverse osmosis applications. These cartridges can be used in a wide range of applications such as residential, food service,commercial, and industrial. The carbon blocks are great for displacing GAC (Granular Activated Carbon) filters in application where high chlorine removal is need.

Features And Benefits

- High absorption without releasing carbon particles
- Disposal of chlorine, organics, taste and odor and other contaminants in water
- High dirt absorption capacity, low pressure drop and effective filteration
- Long service life

Functional Condition

- Working pressure: Maximum 7 bar at 25 °C
- Replacement pressure drop: 2 bar
- Maximum pressure:17 bar
- Transmission rate: 5 liters per minute for filter (10 inch)

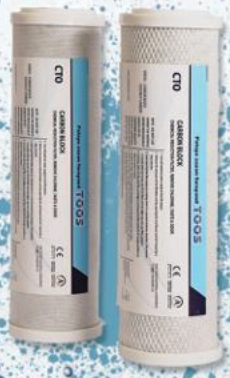
Model	Carbon Block Filter(CTO)	Measure
High	10 -20	Inch
Inner Diameter	20-30-40	mm
Outer Diameter	40-63-110	mm
Micron Rating	5-10	Micron
Max Temperature	80	°C
Active Carbon Hardness	95 %	%

Applications

- Reverse osmosis system
- Color removal
- Drinking water
- Food and beverage industry
- Petrochemical

Specification For Parts Of CTO Filter

- Media: active carbon with coconut shell base, walnut or coal
- Caps material: polypropylene
- Seal washor material: medical PVC (code: UMDNS)
- Lace material: polyethylene
- Outer and interior cover material: polypropylene



Granular Activated Carbon Filters(GAC)

Granular activated carbon filters are manufactured using hight quality coconut shell carbon. the hight quality coconut shell carbon removes unpleasant taste, odor and chlorine the may be present in the water source. Filter structure is such that the water enters at one end and after passing through a bed of activated carbon out of the other end of the cartridge while a porous could prevent of passing larger particles.

Specification For Parts Of GAC Filter

- Media : active carbon with coconut shell, walnut shell, almond shell or coal
- Caps material : polypropylene
- How to connect to the body : screw or ultrasonic welding
- Body material : polyethylene
- Inner padding material: polypropylene
- Washer material : medical pvc

Features And Benefits

- Remove dust, odors at same time
- Low pressure drop and excellent dirt holding capacity
- High chlorine reduction
- Activated with coconut shell carbon or walnut shell or almont shell

Applications

Drinking water, food, industrial wastewater treatment, electroplating process.
Pretreatment of reverseosmosis process, petrochemical, chemical industry

Specification

Model	Granular Activated Carbon Filters (GAC)-Udf Filter	Measure
Filter Media	Granular Activated Carbon-Polypropylene	-
High	10 - 02	Inch
Filtration	5	Micron
Material	Polypropylene،Health Activated Carbon ،Activated Carbon Made From Coconut Shell ، Walnut، Almond	-
Outer Diameter	63-110	mm
Max Temperature	4 up to 80	℃
Active Carbon Hardness	95	%

In-Line Filters

This filter is capsule-shaped and produced in three types of PP, granular carbon and carbon block. This filter is designed for refrigerators and connects to your water line and refrigerator with ¼" quick connect fittings and eliminates the effects of water durability inside the tank and increases the quality of water used. Filter performance will depend on how much you use it and on the water source quality, but a good rule of thumb is that it should be changed sometime between 6 and 12 months.

Applications

- Semi-industrial RO system
- Domestic RO system
- Refrigerator

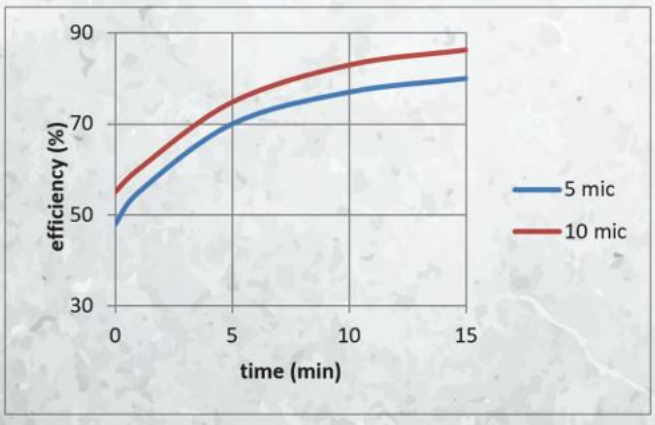
General Specifications Of pp Refrigrator Filters

Type Of Filtration	Refrigerator PP	PP filter -5mic
	Refrigerator GAC	Granules Activated Carbon
	Refrigerator CTO	Carbon Block
Flow	0.8 GPM	
Temperature Working	33-100◦F	
Pressure Working	30-120 psi	
Maximum Tolerable Pressure	200 psi	
Kind Of Connection	1)Quick Fitting 1/4" 2)screw 1/4G	
Filter Life	2500 gallon or 6 months	
Pressure Drop In Flow 2 lpm	11.2 mbar	

Types Of Refrigerator Filters

PP Filter	Remove particles larger than 5 in water such as sludge, iron, rust, sand, algae, sediment, and ..
GAC Filter	Eliminating the odor and taste of water caused by chlorine and other organic matter
CTO Filter	Removing odor and unpleasant taste Remove chlorine Particle removal

Technical Specifications For PP Refrigrator Filters



Efficiency chart for
5and10 micron particles

Post Carbon & Water Dispenser Filters

Post carbon filters (Inline) same mineral filters mainly installed with RO systems to complement their absolute filtration qualities and this filters in capsule form, full of granular activated carbon.
This filters destroy effects of the water durability in the tank and also cause transparency and reduce of chlorine, odor and unpleasant taste water.
These filters are disposable and should be replaced after blocking the pores of activated carbon and time switching for them depends to elapsed time of usage and water consumption, usually the useful life for the filter is every twelve months.

Applications

- Reverse osmosis system
- Refrigerator
- Freezers
- Ice Cream Maker
- Ice Maker

Model	Measure	Post carbon filter
Service Life	GALLON	1500
Max Flow Rate	GPM	50
Max Pressure	PSI	100
Min Enterance Pressure	PSI	25
Max Temperature	°C	100

Features And Benefits

- Sediments removal
- Reduce chlorine, odor and unpleasant taste water and other chemical contaminants

Type Of Filtration	Post Carbon	Granules Activated Carbon	
	Mineral	Mineral Materials	
	Pre-Membranes	Polypropylene Fiber	
Flow		0.8 GPM	
Working Temperature		33-100◦F	
Working Pressure		30-120 psi	
Filter Life	1500 gallon or 6 months	King Of Connection	1)screw 1/4G 2)Quick Fitting 1/4"
Filter Life	1500 gallon or 6 months	King Of Connection	1)screw 1/4G 2)Quick Fitting 1/4"

Mineral Filters

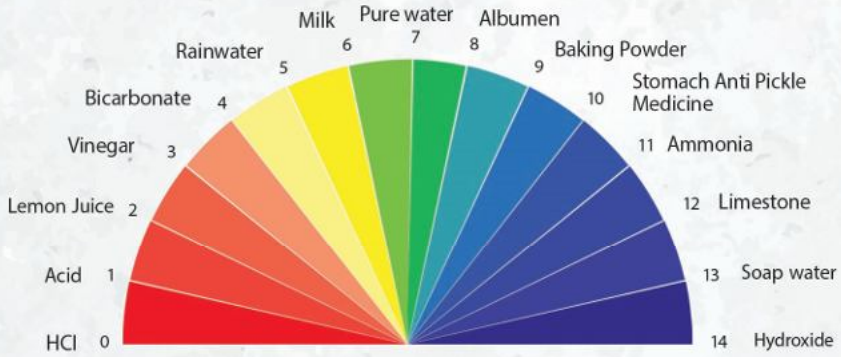
This filters mainly installed with RO systems to complement their absolute filtration qualities and this filters in capsule form is full of beans mineral and usually shell color is yellow, clear.
Mineral filters improves the qualities of clean water by adding necessary mineral for human health such as Calcium, Magnesium, Sodium, and others that readily found in many natural mineral waters.
Daily absorption of minerals in water doesn't have a major impact on the physiological functions of our body, but it can be a great addition to the regular daily mineral intake with solid foods and supplements.

Applications

Since the water treatment process removes minerals from water therefore most application for this filter is reverse osmosis system until this minerals back into treatment water again.

Features And Benefits

- **Calcium** - is a basic building mineral for teeth and bones. It allows proper digestion and is necessary to regulate normal and healthy heart rhytm.
- **Magnesium** - takes part in over 300 different biochemical functions inside a human body and is a deciding factor for the immune system and proper blood circulation.
  It prevents cancer related illnesses and kidney diseases.
- **Sodium** - is responsible for controlling the water absobsion and retention by a human body as well as proper balance of PH and it's an excellent moderator of blood.



Technical Specifications

Model	Mineral filters	Measure
Diameter (mm)	53	mm
High (inch)	254	mm
Max Flow Rate (gpm)	250	gpm
Max Pressure (psi)	100	PSI
Max Temperature (°C)	50	°C
Capacity (liter)	6000	Liter

Polyphosphate Filters

The anti-sediment filter (polyphosphate) is a capsule form of polyphosphate Crystal balls that is used to reduce water hardness and prevent sedimentation in various systems.

Features and benefits

- Quick and easy installation
- Reduce the costs and damage caused by the sedimentation of calcareous salts and prevent energy losses
- Avoid rust and decay and sedimentation in pipes, fittings and valves

Applications

- Types of packages and water heaters
- Boilers
- Types of The laundry
- Types of dishwashers

Operating Conditions

- Maximum work pressure: 8 bar
- Maximum working temperature: 45 ° C
- Maximum allowed water hardness: 500 ppm
- Duration of operation: Filters should be replaced depending on the hardness of water and the flow of water passing through the filter between 4 and 6 months.

Items	The Unit	Requirements For Testing	Test Result	Overall Result
Ball Size	mm	17mm/20mm/23mm	17mm/20mm/23mm	OK
Appearance		Transparent glassy ball	Transparent glassy ball	OK
PH Valut	mg/L	7 ± 0.5	7 ± 0.5	OK
Arsenic	mg/L	≤0.005	<0.005	OK
Cadmium	mg/L	≤0.0005	<0.0001	OK
Chromium	mg/L	≤0.005	<0.004	OK
Plumbum	mg/L	≤0.001	<0.001	OK
Ag	mg/L	≤0.005	<0.005	OK
Selenium	mg/L	≤0.001	<0.001	OK
Hg	mg/L	≤0.0002	<0.0002	OK

Refrigerator Filters

This is a glass cylindrical filter that uses carbon block to remove odor, taste and bad water color in a variety of refrigerators.

Type of filtration	Activated Carbon Block
flow	0.8 GPM
Working Temperature	33-100◦F
Working Pressure	30-120 psi
Maximum Tolerable Pressure	150 psi
Type Of Connection	Twist lock
Filter Life	500 gallon or 6 months

Features and benefits

- Removes odor and unpleasant taste of water
- Remove color
- Heavy metal removal
- Removes particles above 10 microns
- Quick and easy installation

Applications

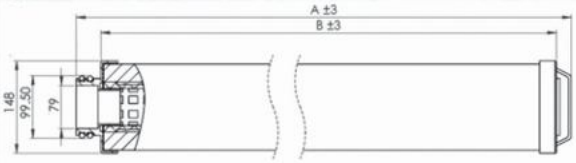
- Can be installed in a variety of refrigerators from Samsung and LG

High flow Filters

High flow filters of 40 and 23 inches are suitable for installation in all types of standard housings.
This filters Designed to treat high quantity of water. These filters are used in a variety of industries including petrochemicals, power plants, nuclear industries, chemicals, food and agriculture.

Features And Benefits

- Easy installation
- Resistance to all kinds of chemicals
- High filteration level
- Welding joint and non-use of heat glue for attaching the caps



40″	A=1107	B=1005
23″	A=702	B=600

Pressure Function	6 bar
Ultimate Pressure Drop	1.5 bar
Flow	40″: 40 m^3/h 23″: 23 m^3/h
Filtration	1-5-10-50 micron
Final Efficiency	90%
Max Temperature	80◦C
Type Of Yarn	Poly propylene
Material Parts(cap, core)	Poly propylene
Kind Of Connection	plastic welding
Oring	NBR


Water Ro Systems

The Six Stage Filtration

- The six stage filtration
- Stainless and Golden bracket
- All parts of Taiwan
- Mixing valve to preserve water Useful salts
- Storage tank 4 gallons
- Steel faucet
- Guarantee and Unconditional Warranty

Features And Benefits

- Elegant design and suitable for small spaces
- No need for housing due to capsule pre-treatment filters
- Suitable packing with Handy Portability
- Reduction heavy and hard water into light and tasty water and removing impurities in the water.
- Removes chlorine, odor and unpleasant taste of the deposits of pipes and mud from drinking water.
- Remove nitrate, nitrite, arsenic, lead and other harmful compounds and heavy metals from drinking water.
- Reduce water hardness to prevent sediment in the kettle, steam iron and ...
- Tasty tea and coffee due to the removal of excess salts from drinking water
- Refreshing skin and improving the function of the internal organs of the body due to the removal of harmful compounds of water
- The Mineral filter used in this RO system has properties such as Lack of early aging, Anti-cancerous properties and increase body pH.
- Avoid the formation of bacteria in this type of ro system by switching filters with a housing in a maximum period of one year

Other products

www.palayesazan.com

Pump

Housing Jumbo with wrench and bracket

Adaptor

Tank

Housing Wrench

Clear Housing (10 inch)

White Housing (10 inch)

Membrane Housing

Plastic Bracket

Hose

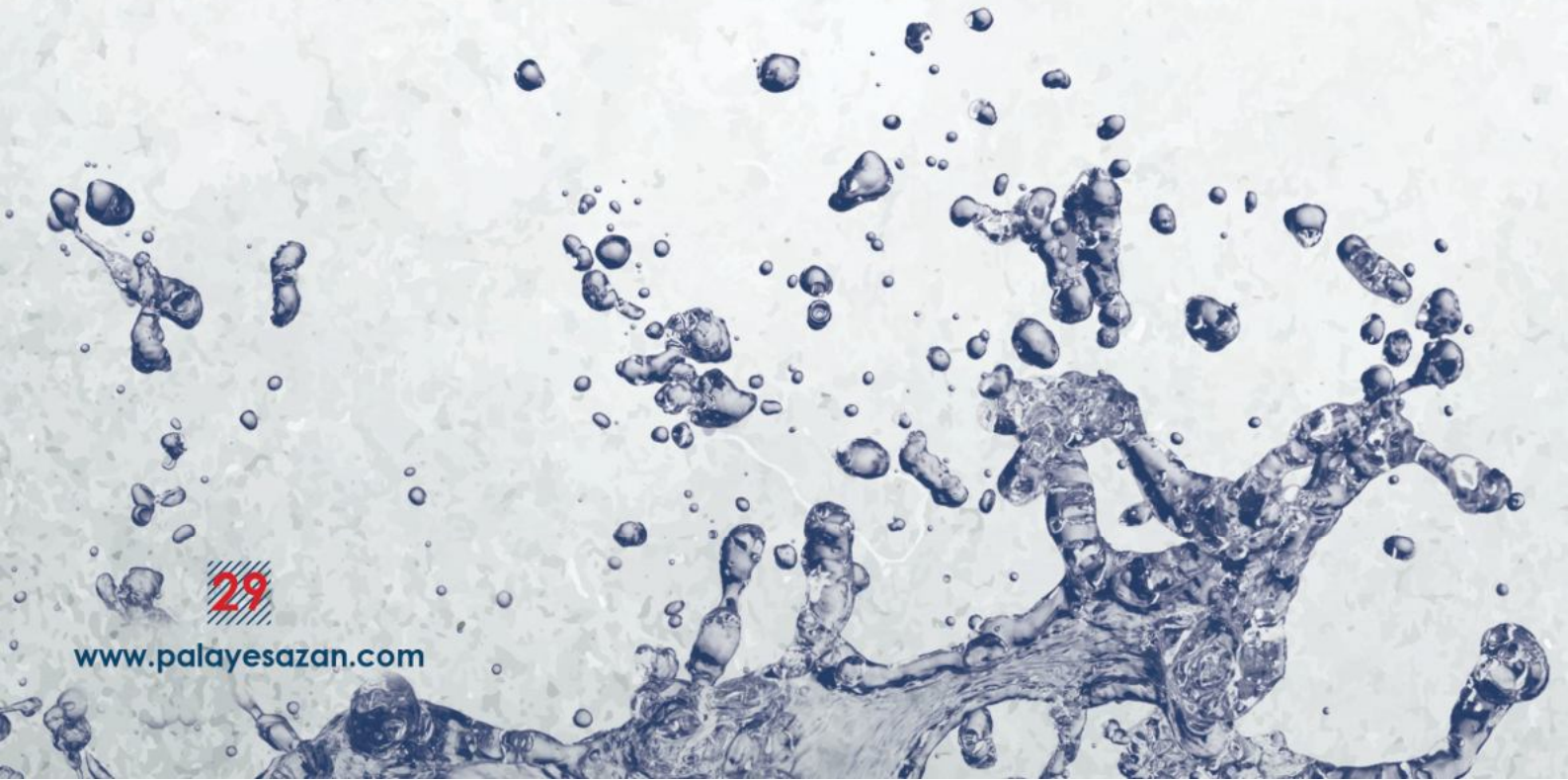
Clamps

Quality Control Department

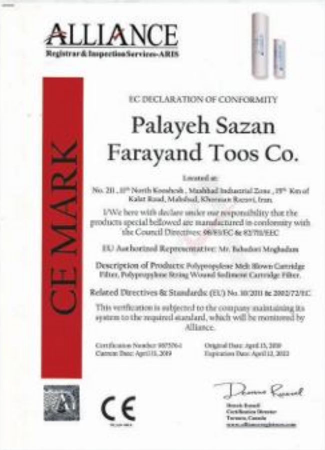
Quality control unit with the aim of ensuring quality and customer satisfaction for manufactured goods, doing Inspection, control and testing of the quality parameters of input materials, manufacturing processes and final product . So the quality control unit is equipped with a lab that can provide Test Report for all products.

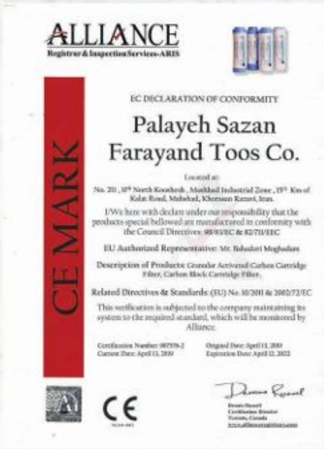
Equipment

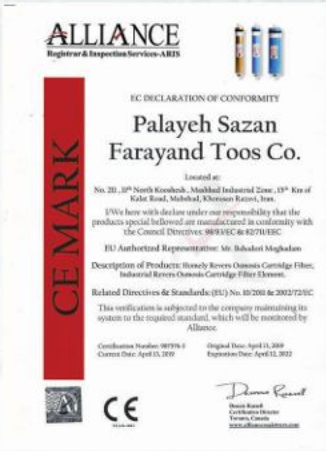
Particle Counter	It has the ability to print data for analysis and charting, and the evaluation of the efficiency of polypropylene(pp) and string wound(sw) filters. Particle size range: 1 to 100 microns. Test range: 0 to 60,000 particles per milliliter. Accuracy: ±5% specified value
Pressure And Flow Drop Device	This device has the ability to display the online TDS - Conductivity - Pressure difference - Flow (adjustable and change) and has the capability of water sampling before and after the filter, as well as adding particles (Dust Ashrae) and chlorine to water before the filter and passes through the filter and examines and analyzes the two filters before and after the sample.
Chlorine Meter	Measurement range: 0 - 10 ppm - Accuracy: 0.01 ppm
Turbidity Meter	Measurement range: 0 - 10 ppm - Accuracy: 0.01 ppm
PH Meter	Measurement range: 2 - 14 PH - Accuracy: 0.01 PH
Conductivity Meter	Measurement range: 0 - 2000 S/cm
TDS Meter	Measurement range: 0 - 3200 ppm

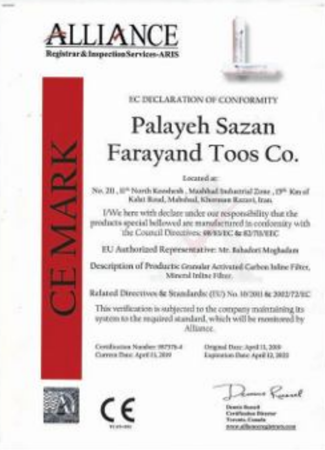


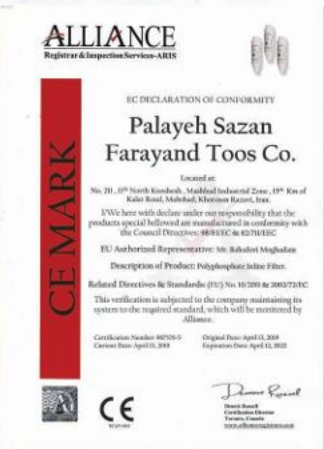
Certificates

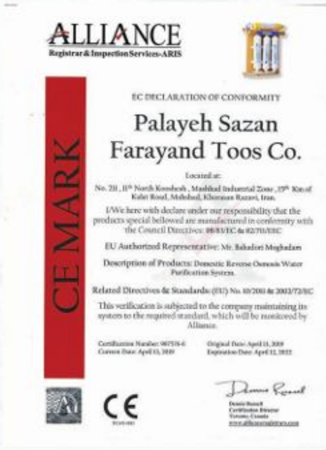












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