PALL Water

FILTRATION APPLICATION GUIDE & PRETREATMENT SOLUTIONS CATALOGUE

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THE WORLD OF WATER

Pall Water produces filtration bags, cartridge filters, housings, reverse osmosis systems, and hollow fiber membrane systems that provide you with turnkey filtration solutions to meet your treatment needs. Pall Water's large selection of water treatment solutions are proven to address a wide range of applications spanning six continents.

Water is essential. At any given moment, someone is pouring themselves a glass of water, drawing a warm bath, or making their morning cup of coffee. Farmers will irrigate crops, beverages will be prepared, workers will cool power plants, and refineries will extract the natural resources that keep the world fed, warm, and on the move.

At the same moment, billions of people, animals, and crops are thirsting for safe and reliable water sources. The World Health Organization (WHO) considers the access of water to be the most critical problem facing the world today.

You play a role in making sure everyone receives the water they need. Filtration is key to helping you make this water. That is where Pall Water comes in.

Pall Water is a leader in filtration, separation, and purification technologies. For over 70 years we have been providing a wide range of water treatment solutions for municipal and industrial customers around the globe.

This document provides a select list of applications that Pall Water solutions can address. You will find a brief description of each application, along with details describing how Pall Water can solve these your water treatment challenges. We encourage you to browse through this document and contact your local Pall Water sales representative for any assistance.

ACID MINE / ROCK DRAINAGE – AMD / ARD

Acid mine drainage (AMD), also known as **acid rock drainage (ARD)**, is a result of acidic water outflow from mines or rock disturbances where an abundance of sulfide minerals chemically react with water and / or air. Unfortunately, detection of acidic mine drainage may take anywhere from years to decades to centuries, causing this to be a serious long-term environmental challenge.

Prevention is the best scenario to mitigate the mine's impact on the environment and should be incorporated into the mine's design. As such, this is not always possible, and treatment is critical to reduce the environmental impact. A key component to treatment is actively raising the pH of the water. When this occurs, previously soluble ions precipitate, causing iron (III) hydroxide; also known as "Yellow Boy." In high concentrations, this can be recovered by filtration for commercial use of pigments.

Another active treatment is using ion exchange, a process in which an exchange of ions in the water with a complex water quality. Fouling of an ion exchange system occurs when there is a significant amount of solids that then need to be backwashed to recharge the exchange. You can learn more about ion exchange on the ***Ion Exchange (IE) Protection*** page.

APPLICATIONS

- Make "Yellow Boy" profitable. Adding a filter for capture will allow the concentrated iron (III) hydroxide to be sold as a pigment in the cosmetics industry.
- Save your ion exchange by adding a filter before the system. This will drastically reduce the number of large particulates, which are the main culprits of fouling.

AGRICULTURE / IRRIGATION WATER TREATMENT

Agriculture water, also known as **irrigation water**, represents more than 70% of the total water used in the world. Water used for irrigation comes from municipalities, rain water collection, groundwater (including wells), surface water, reclaimed water, and brackish water / wastewater. Due to the remoteness of farmland, municipal water is rarely used. The preferable source for irrigation water is groundwater, as this is protected from a majority of potential biological, chemical, and radioactive hazards. Reclaimed and brackish water are also viable options; however, like wastewater, significant investment in treatment systems is necessary.

Both groundwater and surface water contain high levels of plant debris, soil, and other total suspended solids (TSS), which must be removed. Ideally, the TSS should be less than 20 mg/L. Anything higher increases the risk of damage to additional treatment systems and irrigation nozzle clogging. You can learn more about sprinkler / nozzle protection on the ***Sprinkler Head / Nozzle Protection*** page.

APPLICATION

- Keep the nozzles clear by preventing any TSS from making it to the nozzle. Adding a filter in the water treatment will reduce the TSS to a manageable level.

AQUATICS & AQUACULTURE WATER TREATMENT

Aquatics and **aquaculture** relate to freshwater and saltwater systems. This can refer to anything from a household fish tank, to farming activities for fish, crustaceans, mollusks, aquatic plants, and algae. Maintenance of clean water to provide suitable habitats require environmental controls and filtration methods.

Recirculating aquaculture systems (RAS) are most commonly used when water exchange is limited and filtration is required to remove hazardous toxicity levels and solids. These systems recirculate around 70% of the water, helping to maintain a healthy environment that maximizes growth and health of the respective tanks.

RAS uses biofiltration to convert ammonia excreted by aquatic animals into nitrate, therefore treating the liquid waste. Solid waste must also be treated. This is achieved by using filtration systems and can reduce the potential for bacterial growth, oxygen depletion, and sthe pread of of diseases. Typically, RAS uses a sand filter or particle filter, however this requires a significant amount of space. Placing a filter in line of the RAS will capture these solids. The filter can then be easily changed out and additional treatment may not be necessary (as dependent upon local restrictions).

APPLICATIONS

- Space for filtration is limited, yet critical, especially for removal of solid waste. By adding a compact bag filter, the solid waste will be captured allowing for a continuously healthy aquarium.

- Some of the solid waste may be useful in the production of fertilizer. By capturing solid waste in a bag filter, the filter can be sold to fertilizer companies, resulting in an additional source of revenue. If the solid waste cannot be used, then the bag filter can be easily disgarded.

BOILER WATER

The quality of **boiler feed water**, **make-up water**, and **boiler blowdown water** is critical to ensure efficient functionality of your boilers. Without proper maintenance and clean water, boilers will have a build-up of solids and chemicals. Such build-ups can result in boiler failure, which can cause severe damage, downtime, and potential loss of boiler.

The source of water dictates how much treatment is needed to obtain the level of clean water necessary for optimal functionality. Hard water will require filtration to remove total suspended solids (TSS), as these solids will build up in the boiler causing a sludge that may be difficult to remove. Depending upon the chemical composition of the water, an Ion Exchange (IE) may be necessary to remove the undesired cations and / or anions. See ***Ion Exchange (IE) Protection*** for more information.

APPLICATIONS

- Boiler failures are catastrophic. Scaling is the leading cause of boiler failures. This scaling is a result of high TSS particles, amongst other aspects. The likelihood of boiler failure is dramatically reduced when a pretreatment filter is added to boiler feed water, boiler blowdown water, and boiler makeup water.
- Although necessary, boiler downtime can be frustrating and costly. Annual maintenance is key to minimizing downtime and preventing failures. With the right boiler feed pretreatment system, downtime can be greatly reduced.

COOLING TOWER WATER

The main function of a cooling tower is to discharge heat. Typically, cooling towers are common in industrial production plants, areas with machinery, or heated process materials. The most frequently seen cooling tower is a hyperboloid cooling towe, which is often associated with nuclear power plants.

Cooling tower water comes from several sources: source water, make-up water, reuse water, and blowdown water. Each type of water has different aspects of water quality. Therefore, proper treatment for these water sources is critical for operation and long shelf life of the cooling tower. Without proper treatment, the system will produce scaling, corrosion, and fouling (biofilm development).

Scaling and corrosion are some of the leading causes for industrial cooling tower failures. These increase the need for blowdown to remove the solids. This means that the water quality has either changed or that the pretreatment is failing or has failed.

APPLICATION

- Pretreatment of cooling tower water ensures efficiency of the system and reduces the risk of downtime. Placing a filter for the pretreatment of the different water sources helps reduce the need for blowdown and unit downtime.

DESALINATION / BRINE WATER

Desalination is a process where **seawater** or **brine water** is treated to create potable water for drinking and / or irrigation. This water production method is not dependent upon rainfall or snowmelt, making it ideal for arid environments or for use on large ships and submarines.

There are many system configurations which can be implemented to desalinate water. The most common method employs high-pressure ***reverse osmosis (RO)*** technology. Due to ever-changing water quality, pretreatment is necessary to protect the RO system from fouling, which can be caused by many types of contaminates. Pretreatment is also important to help regenerate the RO membrane.

Because of the high-pressure RO, a high flow pretreatment cartridge filter is necessary to produce two end products: potable water and brine water / salt. The brine water / salt is mixed with seawater and discharged. This makes desalination similar to ***zero liquid discharge (ZLD)***.

APPLICATION

- When fouling occurs in an RO system, the system will need to be regenerated – also known as flushing – thus taking the system offline. Flushing is done with a fresh water solution that is then rejected into seawater without treatment. This can change the salinity of seawater, which may have a negative impact on the environment. By adding a high flow cartridge filter before the RO system, the number of flushes required will be dramatically reduced.

DRINKING / POTABLE WATER

Drinking water, also known as **potable water**, comes from a variety of sources including: surface water, groundwater under the influence (GWUI), groundwater, and desalination. Each of these water sources have different treatment requirements that must be completed before that water can become “drinking” water.

Desalination removes many different types of contaminates. Surface water and GWUI have come into potential contact with pathogens such as *Cryptosporidium* and *Giardia*, which must be removed to ensure safe drinking water. Other hazardous chemicals may also be present, resulting in additional treatment to ensure safe drinking water. The best way to address surface water and GWUI treatment is with a ***hollow fiber membrane water treatment system***.

Groundwater / well water / aquifer water is surface water that is naturally “filtered” to remove contaminates, making it safe for drinking. However, there may be instances where some treatment will be necessary. This is site-specific and dependent on local regulations. A filter is potentially needed to remove sand and other types of total solids from the water. Some regulations require a household ***ion exchange system (IE)*** or ***reverse osmosis (RO)*** system to help reduce the levels of materials in the water.

All of these sources have the potential for upsets in water quality due natural disasters. These include unforeseen events like floods, earthquakes, blizzards, drought, broken / damaged infrastructure. These types of operational distrubances can result in ordinances to the public, such as a boil water notice, which may be needed to temporarily produce safe drinking water. Fixing these upsets may take days to months to repair.

APPLICATIONS

- Water quality is of the utmost importance, regardless of the water source, to produce safe drinking water for municipalities. Depending upon local regulations, there are multiple options for producing safe, high-quality drinking water. Treatment systems such as IE and RO will need pretreatment to reduce the speed of fouling. Adding a pretreatment filter allows for minimal downtime in drinking water production.

- When natural disasters interrupt drinking water supply, having a backup to immediately produce drinking water is critical. In such emergencies, Pall Water can deliver a mobile water solution onsite and begin operating within hours, producing much-needed water and allowing for repairs to the normal drinking water system. These units are available for short-term rental, or long-term use, based on your exact needs.

FIRE SUPPRESSION WATER

Water is the most common material used to suppress fires due to its natural thermal characteristics. The water used for these fire suppression activities comes from the ***drinking / potable water*** supply. This water is then directed to various locations, such as fire hydrants and sprinkler systems within buildings. As such, additional treatment of the water may not be necessary. However, treatment of the sprinkler / hydrant flushing is needed!

Flushing of fire suppression systems is typically done on an annual basis. This is completed to ensure system functionality, as well as the removal of any contaminates (from heavy metals to microbial contamination) that have "settled" due to the necessary stagnation of the water. The flushed water then makes its way into the storm drains, which becomes a heavy burden on water treatment facilities. This is due to the potential hazards for operators who are flushing these system. Adding a bag filter to the flushing process will remove large debris and reduce the burden on the storm wastewater system.

APPLICATIONS

- Use a bag filter to save the hassle of using hay barrels or sand bags to reduce the impact of flushed fire suppression water on the storm wastewater system.

- Make flushing cost-effective. Although hay barrels or sand bags are relatively inexpensive, the clean up of these can be a costly burden. Bag filters can be collapsed and disposed of via incineration, making them a much more cost-effective option.

FORWARD OSMOSIS (FO) PROTECTION

Forward Osmosis (FO), also known simply as “osmosis,” uses concentration differences in water to passively separate dissolved solutes in water. FO is different from ***reverse osmosis (RO)*** in the way in which separation occurs. Instead of using high-pressure pumps to force fresh water through a membrane, FO uses the natural properties of osmosis to pull fresh water through a membrane with a highly saline “draw solution,” thus leaving brine behind. FO is used in unique applications where it may be more cost-effective than RO. These include ***desalination / brine water***, ***cooling tower***, ***water reuse***, and ***leachate*** treatment. This is due to the natural concentration difference of the incoming water in relation to the draw water.

FO does have some potential challenges, which must be evaluated before using this technology. FO does not produce “fresh” water ready for use, unlike RO. As such, additional treatment will be necessary to separate the fresh water from the “draw solution.” However, this does depend on the use of the permeate water.

APPLICATION

- Permeate water may not be “fresh” water which is ready for use. This is due to the challenges of concentrations between the feed water and draw water. Adding a filter prior to the FO will prevent fouling and help protect further processing.

GRAY WATER REUSE

Gray (grey) water is a form of wastewater generated in residential and commercial buildings from areas without fecal contamination. Examples of gray water include: sinks, showers, washing machines, and dish washers. Some statistics report gray water to makeup 65% of the average wastewater from residential and commercial sources

There is some biological load in this water, so it is not recommended for ***drinking water***. However, gray water can be used for ***irrigation water*** or toilet flushing. Gray water must be used within 24 hours due to the biological load and organics that begin to spoil the water. If the gray water is to be stored longer than 24 hours, then it must be treated.

Gray water treatment depends on the final usage. If used for irrigation, then a piping system is placed under the ground, and by using gravity or a pumping system, the water will be reused. Please note that this water must not come into contact with anything edible, as it may contain human pathogens. If the gray water is to be stored, a pretreatment filter with a ***reverse osmosis (RO)*** system is recommended to remove the large particles (i.e. hair, fibers, oils / fats) from the water. This will help to reduce the potential for fouling.

When looking to use gray water, please contact your local authorities, as the use of this water may not be permitted.

APPLICATION

- Storage of gray water longer than 24 hours requires treatment due to the biological load inherently present in gray water. By adding a bag filter before the RO system, which feeds the storage tank, large particles can be removed and incinerated. This potentially allows for a broader use of the gray water.

HVAC WATER

The main function of an **HVAC (Heating, Ventilation, and Air Conditioning)** unit is to discharge heat. Typically, HVAC units are found in buildings requiring heating, ventilation, and air conditioning. They also range in size depending on building size and requirements. HVAC units can be found on building roof-tops.

HVAC units have a source water that experiences fluctuating water quality. Proper treatment of the water is critical for HVAC operation and a long shelf life of the cooling tower. Without proper treatment, the system will produce scaling, corrosion, and fouling (biofilm development) that will require manual back flushing.

Scaling and corrosion are several leading causes for HVAC failures. They increase the need for back flushing to remove the solids. Fouling is another critical failure in air conditioning units. This is of high concern due to the microbial growth (biofilm), especially from Legionella (a human pathogen).

APPLICATION

- Pretreatment of the source water used in HVAC systems reduces the need for back flushing or HVAC replacements. Placing a bag filter as pretreatment helps to remove total suspended solids, and will reduce the need for back flushing and unit downtime.

INJECTION WATER FOR OIL WELLS

Water Injection is also known as **waterflooding**. The sole purpose of this water is to maintain pressure in an oil well, allowing for long-term oil production. Filtration is necessary for this type of water as it reduces the risk of clogging the well pores and helps prevent microbial growth.

Filters are necessary to remove large particles from the intake water and increase the functionality of the deoxygenation tower. Filtering also takes into consideration any seasonal fluctuations of the intake water, which can result in poor water quality and cause the oil wells to become clogged and stop production.

APPLICATION

- Preventing the loss of a producing oil well requires the use of water to pressurize the cavities where the oil is being pulled. As such, the quality of the injection water is critical, and may change on a seasonal basis. This includes the occurrence of large rain / snow events. By adding a filter to the injection water, particles such as mollusks, algae blooms, sand / silt, leaves, etc. are removed, thus ensuring a functioning oil well regardless of the weather.

ION EXCHANGE (IE) PROTECTION

Ion exchange (IE) is a process that occurs where the exchange of ions (undesirable to desirable) in the water with a complex of resin beads. The beads, composed mostly of polystyrene sulfonate, are porous which provides large surface areas to trap the undesirable ions and release the desirable ions.

Ion Exchange systems are either cation (+) exchangers or anion (-) exchangers. Amphoteric exchangers are also available where this would be both a cation and anion charge. The resin beads can be recharged when the ion exchanger becomes exhausted.

Ion Exchange is a key pretreatment component for ***forward osmosis (FO)*** and ***reverse osmosis (RO)***, where the concentrations of the ions are not significantly high (i.e. salt water has a high concentration of ions). Having a pretreatment system in place helps reduce the buildup of these ions in the osmosis system; such buildups will drastically reduce the efficiency of the osmosis system.

However, ion exchanges do become exhausted and / or fouled. Fouling of an ion exchange system occurs when there is a significant amount of solids. The higher the concentration of solids, the more often the ion exchange system will need to be recharged. This process is timely and costly. Also, there may be local restrictions on how to dispose of this backwash water, which may result in fines if restrictions are not properly followed.

APPLICATION

- Save time and money by adding a filter before your ion exchange system. The filter will drastically reduce the number of large particulates capable of fouling the system, therefore reducing the number of times the ion exchange needs to be recharged and eventually replaced.

LEACHATE TREATMENT

Leachate is defined as any liquid (usually water) that passes through a landfill or silo, and has extracted both organic, inorganic, and dissolved / solid matter. This presents a significant hazard to surface water and groundwater

The treatment of leachate depends upon the makeup of the leachate and the quality of the water which must be achieved. Currently, majority of landfills are collecting leachate and sending it to municipal wastewater treatment plants. This causes capacity issues due to the methods for producing “clean” wastewater for discharge.

Several options exist for treatment: biological processing, chemical / physical treatment, and membrane filtration. Depending upon the makeup of the leachate, the treatment methods might be a combination of multiple technologies. Membrane filtration is effective at removing the large solids, however, it is not enough to produce sufficient discharge water. Membrane filtration should be combined with a ***reverse osmosis (RO)*** system to help alleviate the inorganic chemistry of the water. Protection of the RO system becomes critical to prevent system fouling.

APPLICATION

- Many options are available for leachate treatment. Each treatment option has pros and cons. A cost-effective solution would be to collect the leachate and pass it through a bag or cartridge filter, then through a RO system or ***Aria™ membrane system***. This treated discharge water can finally be safely placed in the environment.

REVERSE OSMOSIS (RO) PROTECTION

Reverse Osmosis (RO) is a process of removing 99% of organic and inorganic substances though a semi-permeable membrane. This method is different from ***forward osmosis (FO)*** because high-pressure pumps are required to force the osmosis in an RO system, whereas FO uses the natural osmotic process.

RO is not compatible with chlorine, so this must be removed beforehand. This can be accomplished by placing an ***ion exchange (IE)*** system before the RO. To protect RO and IE from fouling rapidly, it is recommended to have filtration before both systems. Fouling is noticed when at least one condition is observed in monitoring: flow (decreased by 10 – 15%), salt (content increase by 10%), and pressure (decreased by 15%). When this occurs, cleaning / backwashing of the RO is necessary. Cleaning may not bring the RO system back to the conditions found when initially installed, however, it will be close and sufficient enough to restart production of the system when complete.

APPLICATION

- Protection of an RO system is critical, not only to reduce fouling, but also to ensure that there is no damage to the membranes. Whether or not the system requirements have an IE system before the RO, having a pretreatment filter will dramatically reduce the potential of fouling and keep the costly process of cleaning / backwashing on a more economic level.

SPRINKLER HEAD / NOZZLE PROTECTION

Sprinkler Heads / Nozzles are used in a variety of applications, including irrigation. This is the fastest method to ensure that a sufficient amount of water is delivered to an agricultural area for plant growth. Although most have an added screen to help reduce the risk of it clogging, the best treatment is to proactively stop the particulates from reaching the sprinkler head / nozzles.

You can learn more about irrigation on the ***Agriculture / Irrigation Water Treatment page***.

If plant particles, soil, and other debris reach the sprinkler head, clogging of the screen or the head itself will occur. A clogged sprinkler head can result in poor irrigation, and the sprinkler may not retract once the system is shutdown. This will require the sprinkler head to be serviced, costing time and money.

APPLICATION

- By adding a filter at the beginning of the irrigation system, debris and particulates will be captured, thus preventing costly and time-consuming maintenance. This will ensure flow and pressures are maintained, and potentially prevent sprinkler head damage.

SULFATE REMOVAL

Sulfates are a naturally occurring chemicals found in well water, and result from mining and mineral processing wastewater. The typical secondary WHO drinking water standard has sulfate levels at 250mg/L. Anything higher than this will cause gastrointestinal problems resulting in dehydration.

More often than not, water and mine wastewater needs to be treated. Sulfate reduction is possible with high pressure ***reverse osmosis (RO)*** and ***ion exchange (IE)***. Both of these technologies are optimized by filtration methods to reduce fouling. As a note, if the water needs to be softened, then the water softener should be placed before the RO or IE.

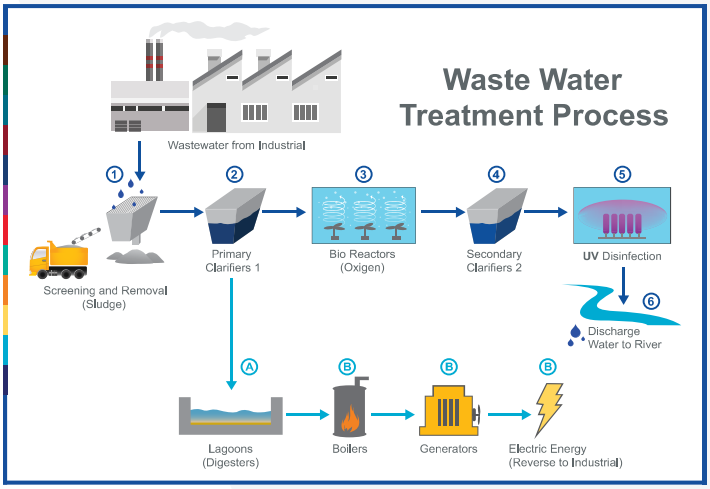
APPLICATION

- Sulfate removal is necessary to produce potable drinking water. Depending on the water volume needed, either a RO or IE system may be used. Both of these systems are subject to fouling, so placing a filter before them reduces the length of time for fouling that can cause a significant amount of time, money, and waste to backwash.

TERTIARY EFFLUENT OF WASTEWATER / BLACK WATER TREATMENT

Wastewater / black water, also known as **sewage**, is water that has come into contact with urine or feces via a toilet. Black water is different from ***gray water***, which comes from other uses of ***drinking / potable water*** such as washing machines, showers, sinks, etc.

Wastewater goes through many treatment stages before being discharged into the environment. Tertiary treatment of wastewater is known as “effluent polishing.” This treatment is conducted after removing solids and chlorination from wastewater. Tertiary treatment is considered the “final process” of wastewater treatment. This treatment step allows the water to be placed in the drinking water system via ***water reuse*** methods.



WATER REUSE / RECLAIMED WATER

There are two versions of **water reuse / reclaimed water**: **Direct Potable Reuse (DPR)** and **Indirect Potable Reuse (IPR)**. Both of these methods utilize secondary effluent from black water and treated water. DPR will be purified using ***reverse osmosis (RO)*** and ultraviolet (UV) light. This water is then inserted back into drinking water for distribution, mixed with other potable water sources for dilution, or put into an ***irrigation system***. IPR will be filtered, then injected back into an aquifer via ground filtration. The aquiver is then used for drinking water.

Although this is a costly process, the majority of drinking water comes from IPR (except in arid regions where water is reused by DPR). This is considered “green technology” as the treated water is placed back into the environment and consumed again. As water reuse is returned to ***drinking water***, the same water quality and local regulations exist and must be met.

APPLICATION

- Protection of the overall water treatment system is of the utmost importance. This ensures that the whole system functions optimally and provides the quality of water expected. Filtration is key to keeping systems functioning, whether is it protection via filters or by using a ***hollow fiber membrane system***.

ZERO LIQUID DISCHARGE (ZLD)

Zero liquid discharge (ZLD) is a process where wastewater is reclaimed and processed for reuse in an industrial or municipal plant. This is beneficial to the environment as 95%+ of the wastewater is reused, and allows these plants to meet more stringent water quality needs for optimal plant operation. ZLD facilities are commonly found in arid environments to alleviate the need for fresh water.

A ZLD system uses advanced technology where pretreatment and evaporation / crystallization are conducted to precipitate dissolved solids into a solid waste. Water is then fed back into the plant for processing. Pretreatment utilizes a ***reverse osmosis (RO)*** system in the processing stage to capture dissolved solids. However, common challenges from a RO system still exist, and the need for a filter is critical to prevent fouling and the need for backwashing.

APPLICATION

- ZLD is considered a “green” technology because the water needed for the plant is reused. However, ZLD systems are expensive because there are many treatment steps. Reducing the CAPEX for these systems will require some OPEX. Having a pretreatment filter before the RO system will help reduce fouling and minimize the number of times backwashing is necessary.

For over 20 years, Pall Water has provided municipal and industrial customers with reliable **water treatment solutions** to meet their most complex water challanges. We deliver membrane-based solutions via mobile / containerized units, packaged systems, and custom water treatment plants.

ARIA™ & IMPRO™ WATER TREATMENT SOLUTIONS

aria fast™
Mobile Water Treatment

Pall Water's **Aria™ FAST** units are containerized water treatment systems designed to provide the water you need, when and where you need it.

Designed to produce 1 MGD (4 MLD) of water per unit, the FAST systems deliver...

- **Rapid Deployment:** Assets can be deployed and producing water within 24 hours
- **Scalability:** Multiple units can be combined to meet any capacity requirement
- **Flexibility:** Assets are available for short-term or long-term rental

aria fit™
Packaged Water Treatment

Our **Aria™ FIT** systems are pre-engineered and factory-tested. The modular design can be configured to fit your footprint, budget, and overall project schedule.

Designed to produce as little as 5 GPM, up to 2 MGD (8 MLD), the FIT systems deliver...

- **Modularity:** Configurable to meet space and capacity requirements now and in the future
- **Ease of Use:** Automated controls with an intuitive interface simplify operation
- **Simplicity:** Proven designs to fit your budget and timeline

aria flex™
Custom Water Treatment

Pall Water's custom-made **Aria™ FLEX** systems are intelligently designed to solve the most challenging municipal and industrial water treatment needs, no matter the size.

Designed to produce anywhere from 2 MGD (8 MLD) to 50+ MGD (200+ MLD), the FLEX systems deliver...

- **Flexibility:** Customized to meet the most challenging water treatment needs
- **Scalability:** Modular approach allows for systems to be scaled to accommodate any capacity
- **Reliability:** Robust system design ensures reliability and consistent operation

impro™
Intelligent Maximum Performance RO

IMPRO™ solves the limitations of traditional Reverse Osmosis (RO), making operation easier and more reliable, while saving significant amounts of money, water, and energy.

IMPRO technology is avaialble in a packaged system or mobile unit. Both options deliver...

- **Higher Recovery:** Recovers up to 95% of wastewater, significantly more than conventional RO
- **Minimum Waste Disposal:** Highest guaranteed recovery reduces disposal costs
- **Intelligent Operation:** Adapts to variations in feed water composition, temperature and flow

Pall **Bag Filters** deliver proven filtration to a variety of water treatment applications around the globe. Our high-quality bag filters are trusted to improve system performance, while protecting your membranes and your investments.

PALL FSI™ BAG FILTER DATASHEET

Pall FSI™ filter bags set the bar for quality; capable of withstanding higher solids loading while reducing waste volume. With a wide range of options, the Pall FSI filter bags are the optimal solution to achieve your water treatment needs.

- **Material compatibility at your fingertips:** Intake water quality can vary, increasing the risk of contaminant bypass which can place strain on your system. Pall offers an array of materials including polypropylene to polyester to select based upon your incoming water characteristics thus increasing the performance of your system.
- **Flexibility with micron rating and sizes:** Filter bags are available in multiple sizes and micron ratings. These combined aspects will result in an ideal solution to achieve flow, efficiencies and product desired.
- **Customized configurations increasing security:** From traditional sewn to Polyweld® welded seam to seamless filter bag configurations combined with PolyLoc® flange, the product quality is unmatched. NSF61 certified options available.

Pall Water's selection of **Cartridge Filters** are essential for any RO system to function at optimal performance. Our cartridges are available in a wide range of materials, and are capable of handling any flow rate. These first-class cartridge filters are designed to meet numerous water treatment needs.

PALL WATER CARTRIDGE FILTER DATASHEET

Pall Water's wide range of **filter cartridges** are the standard that all other filter cartridges are measured upon. In either double open ended (DOE) or single open ended (SOE), with and without core support configurations, the Pall Water filter cartridges are designed to meet your needs for all your critical parameters such as flow rate, dirt holding capacity, chemical compatibility, frequency of change-outs, and amount of waste generated. With a wide range of options for materials, sizes, configurations and removal efficiencies, the Pall Water filter cartridges are the optimal solution to achieve your water treatment needs.

- **The Flow is with you:** Flow rate of any water processing is a key component to creating the quality of water needed. The Pall Water filter cartridges come in many options for any flow rate which significantly reduces the size of systems and frequency of change-outs.
- **Flexibility of design:** Filter cartridges are available in string wound, CoLD Melt™ technology, and Laid-Over-Pleat design. From dirty intake water to high purity water, these different designs allow you the flexibility to choose the optimal filter cartridge based upon all aspects of your water processing needs.
- **A fit to reduce waste:** The DOE and SOE filter cartridges will fit in your existing housings or a new Pall Water housing. The core structure of the filter cartridges allows for stability during operation and easy removal reduces the risk of contamination. These different configurations address any critical parameter of water production to optimize functionality while minimizing waste and potential operating costs.

Pall Water's range of **Cartridge Filter Housings** and **Bag Filter Housings** are designed for use in a wide range of water treatment processes. Our housings are optimized to meet your water filtration requirements.

PALL WATER FILTER HOUSING CRITERIA SELECTION GUIDE

Pall Water **Filter Cartridge Housings** and **Filter Bag Housings** are optimally designed for all types of water. Different water applications have different requirements when it comes to equipment and filter media. Pall Water has both to meet your needs. Our filter housings are designed to offer:

- **Multiple materials of construction**
- **Configurable inlet / outlet nozzles**
- **Unlimited number of filters**

FILTER HOUSING SELECTION CRITERIA

Scoping the right housing for your application requires several critical criteria. This will ensure Pall Water can provide you with the best solution for your needs, while minimizing the risk of downtime due to housing failures.

Water Temperature:	32°F – 212°F (0°C – 100°C)
Water Flow Rate:	GPM, GPD, LPM, LPD
Type of Filters:	Cartridge Filter or Bag Filter
Micron Rating of Filter:	1 µm – 100 µm
Efficiency Rating of Filter:	Absolute or Nominal
End Configuration of Cartridge Filter:	DOE or SOE
Housing Material of Construction:	Plastic or Steel (Specify Type of Steel Required)
Housing Inlet / Outlet Orientation:	Orientations 1 – 15 Available
Housing Inlet / Outlet Connection Size & Type:	Flanged, Threaded, Aseptic, etc.

Pall Water's range of **filtration and pretreatment solutions** are trusted to protect your membranes, your systems, and your investments. We are dedicated to delivering proven water treatment technology designed to solve your most complex water challenges. A number of our trusted solutions are NSF / ANSI 61 certified for compliance in Drinking Water applications.

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PALL FSI™ FILTER BAGS

PALL FSI™ BOS FILTER BAGS

PART NUMBER	DESCRIPTION
BOS100PM1P	100µm, Polymicro, Polypropylene cover, Size 1, Polypropylene PolyLoc Ring
BOS100PM2P	100µm, Polymicro, Polypropylene cover, Size 2, Polypropylene PolyLoc Ring
BOS100PP2P61	100µm, Polymicro, Special NSF Construction, Size 2, Polypropylene PolyLoc Ring, NSF61 Certified
BOS10PM1P	10µm, Polymicro, Polypropylene cover, Size 1, Polypropylene PolyLoc Ring
BOS10PM2P	10µm, Polymicro, Polypropylene cover, Size 2, Polypropylene PolyLoc Ring
BOS25PM1P	25µm, Polymicro, Polypropylene cover, Size 1, Polypropylene PolyLoc Ring
BOS25PM2P	25µm, Polymicro, Polypropylene cover, Size 2, Polypropylene PolyLoc Ring
BOS25PP2P61	25µm, Polymicro, Special NSF Construction, Size 2, Polypropylene PolyLoc Ring, NSF61 Certified
BOS3PM1P	3µm, Polymicro, Polypropylene cover, Size 1, Polypropylene PolyLoc Ring
BOS3PM2P	3µm, Polymicro, Polypropylene cover, Size 2, Polypropylene PolyLoc Ring
BOS3PP2P61	3µm, Polymicro, Special NSF Construction, Size 2, Polypropylene PolyLoc Ring, NSF61 Certified
BOS50PM1P	50µm, Polymicro, Polypropylene cover, Size 1, Polypropylene PolyLoc Ring
BOS50PM2P	50µm, Polymicro, Polypropylene cover, Size 2, Polypropylene PolyLoc Ring
BOS50PP2P61	50µm, Polymicro, Special NSF Construction, Size 2, Polypropylene PolyLoc Ring, NSF61 Certified
BOS5PM1P	5µm, Polymicro, Polypropylene cover, Size 1, Polypropylene PolyLoc Ring
BOS5PM2P	5µm, Polymicro, Polypropylene cover, Size 2, Polypropylene PolyLoc Ring
BOS5PP2P61	5µm, Polymicro, Special NSF Construction, Size 2, Polypropylene PolyLoc Ring, NSF61 Certified
BOS75PM1P	75µm, Polymicro, Polypropylene cover, Size 1, Polypropylene PolyLoc Ring
BOS75PM2P	75µm, Polymicro, Polypropylene cover, Size 2, Polypropylene PolyLoc Ring
BOS75PP2P61	75µm, Polymicro, Special NSF Construction, Size 2, Polypropylene PolyLoc Ring, NSF61 Certified

PALL FSI™ BOS GRADIENT FILTER BAGS

PART NUMBER	DESCRIPTION
BOSG100PM2P	100um, Polypropylene, Gradient, Polypropylene cover, Size 2, Polypropylene Ring
BOSG10PM2P	10um, Polypropylene, Gradient, Polypropylene cover, Size 2, Polypropylene Ring
BOSG125PM2P	125um, Polypropylene, Gradient, Polypropylene cover, Size 2, Polypropylene Ring
BOSG25PM2P	25um, Polypropylene, Gradient, Polypropylene cover, Size 2, Polypropylene Ring
BOSG3PM2P	3um, Polypropylene, Gradient, Polypropylene cover, Size 2, Polypropylene Ring
BOSG50PM2P	50um, Polypropylene, Gradient, Polypropylene cover, Size 2, Polypropylene Ring
BOSG5PM2P	5um, Polypropylene, Gradient, Polypropylene cover, Size 2, Polypropylene Ring
BOSG75PM2P	75um, Polypropylene, Gradient, Polypropylene cover, Size 2, Polypropylene Ring

PALL FSI™ BOS MAX FILTER BAGS

PART NUMBER	DESCRIPTION
BOS100PM2PMAX	100um, Polymicro, Polypropylene cover, Size 2, Polypropylene PolyLoc Ring
BOS10PM1PMAX	10um, Polymicro, Polypropylene cover, Size 1, Polypropylene PolyLoc Ring
BOS10PM2PMAX	10um, Polymicro, Polypropylene cover, Size 2, Polypropylene PolyLoc Ring
BOS25PM1PMAX	25um, Polymicro, Polypropylene cover, Size 1, Polypropylene PolyLoc Ring
BOS25PM2PMAX	25um, Polymicro, Polypropylene cover, Size 2, Polypropylene PolyLoc Ring
BOS3PM1PMAX	3um, Polymicro, Polypropylene cover, Size 1, Polypropylene PolyLoc Ring
BOS3PM2PMAX	3um, Polymicro, Polypropylene cover, Size 2, Polypropylene PolyLoc Ring
BOS50PM1PMAX	50um, Polymicro, Polypropylene cover, Size 1, Polypropylene PolyLoc Ring
BOS50PM2PMAX	50um, Polymicro, Polypropylene cover, Size 2, Polypropylene PolyLoc Ring
BOS5PM1PMAX	5um, Polymicro, Polypropylene cover, Size 1, Polypropylene PolyLoc Ring
BOS5PM2PMAX	5um, Polymicro, Polypropylene cover, Size 2, Polypropylene PolyLoc Ring
BOS75PM1PMAX	75um, Polymicro, Polypropylene cover, Size 1, Polypropylene PolyLoc Ring
BOS75PM2PMAX	75um, Polymicro, Polypropylene cover, Size 2, Polypropylene PolyLoc Ring

PALL FSI™ EXTENDED LIFE FILTER BAGS

PART NUMBER	DESCRIPTION
BPEEX100P1PEWE	100µm, Polyester Extended Life, Size 1, Polyester PolyLoc Ring, Welded Seam Construction
BPEEX100P1PWE	100µm, Polyester Extended Life, Size 1, Polypropylene PolyLoc Ring, Welded Seam Construction
BPEEX100P2PEWE	100µm, Polyester Extended Life, Size 2, Polyester PolyLoc Ring, Welded Seam Construction
BPEEX100P2PWE	100µm, Polyester Extended Life, Size 2, Polypropylene PolyLoc Ring, Welded Seam Construction
BPEEX10P1PEWE	10µm, Polyester Extended Life, Size 1, Polyester PolyLoc Ring, Welded Seam Construction
BPEEX10P1PWE	10µm, Polyester Extended Life, Size 1, Polypropylene PolyLoc Ring, Welded Seam Construction
BPEEX10P2PEWE	10µm, Polyester Extended Life, Size 2, Polyester PolyLoc Ring, Welded Seam Construction
BPEEX10P2PWE	10µm, Polyester Extended Life, Size 2, Polypropylene PolyLoc Ring, Welded Seam Construction
BPEEX1P1PEWE	1µm, Polyester Extended Life, Size 1, Polyester PolyLoc Ring, Welded Seam Construction
BPEEX1P1PWE	1µm, Polyester Extended Life, Size 1, Polypropylene PolyLoc Ring, Welded Seam Construction
BPEEX1P2PWE	1µm, Polyester Extended Life, Size 2, Polypropylene PolyLoc Ring, Welded Seam Construction
BPEEX25P1PEWE	25µm, Polyester Extended Life, Size 1, Polyester PolyLoc Ring, Welded Seam Construction
BPEEX25P1PWE	25µm, Polyester Extended Life, Size 1, Polypropylene PolyLoc Ring, Welded Seam Construction
BPEEX25P2PEWE	25µm, Polyester Extended Life, Size 2, Polyester PolyLoc Ring, Welded Seam Construction
BPEEX25P2PWE	25µm, Polyester Extended Life, Size 2, Polypropylene PolyLoc Ring, Welded Seam Construction
BPEEX50P1PEWE	50µm, Polyester Extended Life, Size 1, Polyester PolyLoc Ring, Welded Seam Construction
BPEEX50P1PWE	50µm, Polyester Extended Life, Size 1, Polypropylene PolyLoc Ring, Welded Seam Construction
BPEEX50P2PEWE	50µm, Polyester Extended Life, Size 2, Polyester PolyLoc Ring, Welded Seam Construction
BPEEX50P2PWE	50µm, Polyester Extended Life, Size 2, Polypropylene PolyLoc Ring, Welded Seam Construction
BPEEX5P1PEWE	5µm, Polyester Extended Life, Size 1, Polyester PolyLoc Ring, Welded Seam Construction

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PALL FSI™ EXTENDED LIFE FILTER BAGS (CONTINUED)

PART NUMBER	DESCRIPTION
BPEEX5P1PWE	5µm, Polyester Extended Life, Size 1, Polypropylene PolyLoc Ring, Welded Seam Construction
BPEEX5P2PEWE	5µm, Polyester Extended Life, Size 2, Polyester PolyLoc Ring, Welded Seam Construction
BPEEX5P2PWE	5µm, Polyester Extended Life, Size 2, Polypropylene PolyLoc Ring, Welded Seam Construction
BPOEX100P1PWE	100µm, Polypropylene Extended Life, Size 1, Polypropylene PolyLoc Ring, Welded Seam Construction
BPOEX100P2PWE	100µm, Polypropylene Extended Life, Size 2, Polypropylene PolyLoc Ring, Welded Seam Construction
BPOEX10P1PWE	10µm, Polypropylene Extended Life, Size 1, Polypropylene PolyLoc Ring, Welded Seam Construction
BPOEX10P2PWE	10µm, Polypropylene Extended Life, Size 2, Polypropylene PolyLoc Ring, Welded Seam Construction
BPOEX25P1PWE	25µm, Polypropylene Extended Life, Size 1, Polypropylene PolyLoc Ring, Welded Seam Construction
BPOEX25P2PWE	25µm, Polypropylene Extended Life, Size 2, Polypropylene PolyLoc Ring, Welded Seam Construction
BPOEX50P1PWE	50µm, Polypropylene Extended Life, Size 1, Polypropylene PolyLoc Ring, Welded Seam Construction
BPOEX50P2PWE	50µm, Polypropylene Extended Life, Size 2, Polypropylene PolyLoc Ring, Welded Seam Construction
BPOEX5P1PWE	5µm, Polypropylene Extended Life, Size 1, Polypropylene PolyLoc Ring, Welded Seam Construction
BPOEX5P2PWE	5µm, Polypropylene Extended Life, Size 2, Polypropylene PolyLoc Ring, Welded Seam Construction

PALL FSI™ MAX PONG FILTER BAGS

PART NUMBER	DESCRIPTION
BMAXPONG1001PWE	100µm, Polypropylene Maximum Life, Size 1, Polyloc Ring, Welded Seam Construction
BMAXPONG1002PWE	100µm, Polypropylene Maximum Life, Size 2, Polyloc Ring, Welded Seam Construction
BMAXPONG101PWE	10µm, Polypropylene Maximum Life, Size 1, Polyloc Ring, Welded Seam Construction
BMAXPONG102PWE	10µm, Polypropylene Maximum Life, Size 2, Polyloc Ring, Welded Seam Construction
BMAXPONG11PWE	1µm, Polypropylene Maximum Life, Size 1, Polyloc Ring, Welded Seam Construction
BMAXPONG12PWE	1µm, Polypropylene Maximum Life, Size 2, Polyloc Ring, Welded Seam Construction
BMAXPONG251PWE	25µm, Polypropylene Maximum Life, Size 1, Polyloc Ring, Welded Seam Construction
BMAXPONG252PWE	25µm, Polypropylene Maximum Life, Size 2, Polyloc Ring, Welded Seam Construction
BMAXPONG501PWE	50µm, Polypropylene Maximum Life, Size 1, Polyloc Ring, Welded Seam Construction
BMAXPONG502PWE	50µm, Polypropylene Maximum Life, Size 2, Polyloc Ring, Welded Seam Construction
BMAXPONG51PWE	5µm, Polypropylene Maximum Life, Size 1, Polyloc Ring, Welded Seam Construction
BMAXPONG52PWE	5µm, Polypropylene Maximum Life, Size 2, Polyloc Ring, Welded Seam Construction

PALL FSI™ MESH FILTER BAGS

PART NUMBER	DESCRIPTION
BNMO1005GP	100µm, Nylon, 5 Gallon Pail
BNMO100P1P	100µm, Nylon, Size 1, Polypropylene Polyloc Ring
BNMO100P1PA	100µm, Nylon, Size 1, Polypropylene Polyloc Ring, Auto Construction
BNMO100P1S	100µm, Nylon, Size 1, Snap fit metal ring
BNMO100P2NA	100µm, Nylon, Size 2, Nylon Polyloc Ring, Auto Construction
BNMO100P2P	100µm, Nylon, Size 2, Polypropylene Polyloc Ring
BNMO100P2PA	100µm, Nylon, Size 2, Polypropylene Polyloc Ring, Auto Construction
BNMO100P3PA	100µm, Nylon, Size 3, Polypropylene Polyloc Ring, Auto Construction
BNMO100P3PWE	100µm, Nylon, Size 3, Polypropylene Polyloc Ring, Welded Seam
BNMO100P4	100µm, Nylon, Size 4, Polypropylene Polyloc Ring
BNMO100P4PA	100µm, Nylon, Size 4, Polypropylene Polyloc Ring, Auto Construction
BNMO10P2PA	10µm, Nylon, Size 2, Polypropylene Polyloc Ring
BNMO10P3PA	10µm, Nylon, Size 3, Polypropylene Polyloc Ring, Auto Construction
BNMO10P4PA	10µm, Nylon, Size 4, Polypropylene Polyloc Ring, Auto Construction
BNMO1200P1PA	1200µm, Nylon, Size 1, Polypropylene Polyloc Ring, Auto Construction
BNMO1200P2PA	1200µm, Nylon, Size 2, Polypropylene Polyloc Ring, Auto Construction
BNMO1200P2SC	1200µm, Nylon, Size 2, Snap Fit Metal Ring, Cotton Handle
BNMO1200P4PA	1200µm, Nylon, Size 4, Polypropylene Polyloc Ring, Auto Construction
BNMO125P3SA	125µm, Nylon, Size 3, Snap Fit Metal Ring, Auto Construction
BNMO125P4PA	125µm, Nylon, Size 4, Polypropylene Polyloc Ring, Auto Construction
BNMO15012X18D	150µm, Nylon, 12x18 Drawstring
BNMO1505GP	150µm, Nylon, 5 Gallon Pail
BNMO150P1PA	150µm, Nylon, Size 1, Polypropylene Polyloc Ring, Auto Construction
BNMO150P1S	150µm, Nylon, Size 1, Snap fit metal ring
BNMO150P1SC	150µm, Nylon, Size 1, Snap Fit Metal Ring, Cotton Handle

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PALL FSI™ MESH FILTER BAGS (CONTINUED)

PART NUMBER	DESCRIPTION
BNMO150P2PA	150µm, Nylon, Size 2, Polypropylene Polyloc Ring, Auto Construction
BNMO150P3PA	150µm, Nylon, Size 3, Polypropylene Polyloc Ring, Auto Construction
BNMO150P3PWE	150µm, Nylon, Size 3, Polypropylene Polyloc Ring, Welded Seam
BNMO150P4PA	150µm, Nylon, Size 4, Polypropylene Polyloc Ring, Auto Construction
BNMO150P4S	150µm, Nylon, Size 4, Snap fit metal ring
BNMO150P4SA	150µm, Nylon, Size 4, Snap Fit Metal Ring, Auto Construction
BNMO175P2PA	175µm, Nylon, Size 2, Polypropylene Polyloc Ring, Auto Construction
BNMO175P3PA	175µm, Nylon, Size 3, Polypropylene Polyloc Ring, Auto Construction
BNMO1P2PA	1µm, Nylon, Size 2, Polypropylene Polyloc Ring, Auto Construction
BNMO1P3PA	1µm, Nylon, Size 3, Polypropylene Polyloc Ring, Auto Construction
BNMO1P4PA	1µm, Nylon, Size 4, Polypropylene Polyloc Ring, Auto Construction
BNMO2005GP	200µm, Nylon, 5 Gallon Pail
BNMO200P1P	200µm, Nylon, Size 1, Polypropylene Polyloc Ring
BNMO200P1PA	200µm, Nylon, Size 1, Polypropylene Polyloc Ring, Auto Construction
BNMO200P1S	200µm, Nylon, Size 1, Snap fit metal ring
BNMO200P1SC	200µm, Nylon, Size 1, Snap Fit Metal Ring, Cotton Handle
BNMO200P2P	200µm, Nylon, Size 2, Polypropylene Polyloc Ring
BNMO200P2PA	200µm, Nylon, Size 2, Polypropylene Polyloc Ring, Auto Construction
BNMO200P2S	200µm, Nylon, Size 2, Snap fit metal ring
BNMO200P2SC	200µm, Nylon, Size 2, Snap Fit Metal Ring, Cotton Handle
BNMO200P3PA	200µm, Nylon, Size 3, Polypropylene Polyloc Ring, Auto Construction
BNMO200P3PWE	200µm, Nylon, Size 3, Polypropylene Polyloc Ring, Welded Seam
BNMO200P4P	200µm, Nylon, Size 4, Polypropylene Polyloc Ring
BNMO200P4PA	200µm, Nylon, Size 4, Polypropylene Polyloc Ring, Auto Construction
BNMO250P1PA	250µm, Nylon, Size 1, Polypropylene Polyloc Ring, Auto Construction

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PALL FSI™ MESH FILTER BAGS (CONTINUED)

PART NUMBER	DESCRIPTION
BNMO250P2P	250µm, Nylon, Size 2, Polypropylene Polyloc Ring
BNMO250P2PA	250µm, Nylon, Size 2, Polypropylene Polyloc Ring, Auto Construction
BNMO250P3PA	250µm, Nylon, Size 3, Polypropylene Polyloc Ring, Auto Construction
BNMO250P4PA	250µm, Nylon, Size 4, Polypropylene Polyloc Ring, Auto Construction
BNMO255GP	250µm, Nylon, 5 Gallon Pail
BNMO25P1PA	25µm, Nylon, Size 1, Polypropylene Polyloc Ring, Auto Construction
BNMO25P2PA	25µm, Nylon, Size 2, Polypropylene Polyloc Ring, Auto Construction
BNMO25P3PA	25µm, Nylon, Size 3, Polypropylene Polyloc Ring, Auto Construction
BNMO25P3PWE	25µm, Nylon, Size 3, Polypropylene Polyloc Ring, Welded Seam
BNMO25P4NA	25µm, Nylon, Size 4, Nylon Polyloc Ring, Auto Construction
BNMO25P4PA	25µm, Nylon, Size 4, Polypropylene Polyloc Ring, Auto Construction
BNMO25P4SA	25µm, Nylon, Size 4, Snap Fit Metal Ring, Auto Construction
BNMO300P1PA	300µm, Nylon, Size 1, Polypropylene Polyloc Ring, Auto Construction
BNMO300P1S	300µm, Nylon, Size 1, Snap fit metal ring
BNMO300P2NA	300µm, Nylon, Size 2, Nylon Polyloc Ring, Auto Construction
BNMO300P2P	300µm, Nylon, Size 2, Polypropylene Polyloc Ring
BNMO300P2PA	300µm, Nylon, Size 2, Polypropylene Polyloc Ring, Auto Construction
BNMO300P2S	300µm, Nylon, Size 2, Snap fit metal ring
BNMO300P3PA	300µm, Nylon, Size 3, Polypropylene Polyloc Ring, Auto Construction
BNMO300P4PA	300µm, Nylon, Size 4, Polypropylene Polyloc Ring, Auto Construction
BNMO35P1PA	35µm, Nylon, Size 1, Polypropylene Polyloc Ring, Auto Construction
BNMO35P2PA	35µm, Nylon, Size 2, Polypropylene Polyloc Ring, Auto Construction
BNMO35P3PA	35µm, Nylon, Size 3, Polypropylene Polyloc Ring, Auto Construction
BNMO400P1P	400µm, Nylon, Size 1, Polypropylene Polyloc Ring, Auto Construction
BNMO400P1PA	400µm, Nylon, Size 1, Polypropylene Polyloc Ring, Auto Construction

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PALL FSI™ MESH FILTER BAGS (CONTINUED)

PART NUMBER	DESCRIPTION
BNMO400P1S	400µm, Nylon, Size 1, Snap fit metal ring
BNMO400P2NA	400µm, Nylon, Size 2, Nylon Polyloc Ring, Auto Construction
BNMO400P2P	400µm, Nylon, Size 2, Polypropylene Polyloc Ring
BNMO400P2PA	400µm, Nylon, Size 2, Polypropylene Polyloc Ring, Auto Construction
BNMO400P2S	400µm, Nylon, Size 2, Snap fit metal ring
BNMO400P2SC	400µm, Nylon, Size 2, Snap Fit Metal Ring, Cotton Handle
BNMO400P3P	400µm, Nylon, Size 3, Polypropylene Polyloc Ring
BNMO400P3PA	400µm, Nylon, Size 3, Polypropylene Polyloc Ring, Auto Construction
BNMO400P4P	400µm, Nylon, Size 4, Polypropylene Polyloc Ring
BNMO400P4PA	400µm, Nylon, Size 4, Polypropylene Polyloc Ring, Auto Construction
BNMO455GP	45µm, Nylon, 5 Gallon Pail
BNMO45P4PA	45µm, Nylon, Size 4, Polypropylene Polyloc Ring, Auto Construction
BNMO50P1PA	50µm, Nylon, Size 1, Polypropylene Polyloc Ring, Auto Construction
BNMO50P2PA	50µm, Nylon, Size 2, Polypropylene Polyloc Ring, Auto Construction
BNMO50P3PA	50µm, Nylon, Size 3, Polypropylene Polyloc Ring, Auto Construction
BNMO50P4PA	50µm, Nylon, Size 4, Polypropylene Polyloc Ring, Auto Construction
BNMO5520X11D	50µm, Nylon, 20x11 Drawstring
BNMO55P1PA	55µm, Nylon, Size 1, Polypropylene Polyloc Ring, Auto Construction
BNMO55P1SC	55µm, Nylon, Size 1, Snap Fit Metal Ring, Cotton Handle
BNMO55P2PA	55µm, Nylon, Size 2, Polypropylene Polyloc Ring, Auto Construction
BNMO55P2S	55µm, Nylon, Size 2, Snap Fit Metal Ring
BNMO55P3PA	55µm, Nylon, Size 3, Polypropylene Polyloc Ring, Auto Construction
BNMO55P4PA	55µm, Nylon, Size 4, Polypropylene Polyloc Ring, Auto Construction
BNMO5P3PA	5µm, Nylon, Size 3, Polypropylene Polyloc Ring, Auto Construction
BNMO5P4PA	5µm, Nylon, Size 4, Polypropylene Polyloc Ring, Auto Construction

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PALL FSI™ MESH FILTER BAGS (CONTINUED)

PART NUMBER	DESCRIPTION
BNMO600P1PA	600µm, Nylon, Size 1, Polypropylene Polyloc Ring, Auto Construction
BNMO600P1SC	600µm, Nylon, Size 1, Snap Fit Metal Ring, Cotton Handle
BNMO600P2P	600µm, Nylon, Size 2, Polypropylene Polyloc Ring
BNMO600P2PA	600µm, Nylon, Size 2, Polypropylene Polyloc Ring, Auto Construction
BNMO600P3PA	600µm, Nylon, Size 3, Polypropylene Polyloc Ring, Auto Construction
BNMO600P4PA	600µm, Nylon, Size 4, Polypropylene Polyloc Ring, Auto Construction
BNMO65P4PA	65µm, Nylon, Size 4, Polypropylene Polyloc Ring, Auto Construction
BNMO7512X18D	75µm, Nylon, 12x18 Drawstring
BNMO755GP	75µm, Nylon, 5 Gallon Pail
BNMO75P1PA	75µm, Nylon, Size 1, Polypropylene Polyloc Ring, Auto Construction
BNMO75P2PA	75µm, Nylon, Size 2, Polypropylene Polyloc Ring, Auto Construction
BNMO75P3PA	75µm, Nylon, Size 3, Polypropylene Polyloc Ring, Auto Construction
BNMO75P4PA	75µm, Nylon, Size 4, Polypropylene Polyloc Ring, Auto Construction
BNMO800P1PA	800µm, Nylon, Size 1, Polypropylene Polyloc Ring, Auto Construction
BNMO800P1S	800µm, Nylon, Size 1, Snap Fit Metal Ring
BNMO800P2PA	800µm, Nylon, Size 2, Polypropylene Polyloc Ring, Auto Construction
BNMO800P2S	800µm, Nylon, Size 2, Snap Fit Metal Ring
BNMO800P3PA	800µm, Nylon, Size 3, Polypropylene Polyloc Ring, Auto Construction
BNMO800P4P	800µm, Nylon, Size 3, Snap Fit Metal Ring
BNMO800P4PA	800µm, Nylon, Size 4, Polypropylene Polyloc Ring, Auto Construction
BPEM10012X18D	100µm, Polyester, 12x18 Drawstring
BPEM100P1P	100µm, Polyester, Size 1, Polypropylene Polyloc Ring
BPEM100P1S	100µm, Polyester, Size 1, Snap fit metal ring
BPEM100P1SC	100µm, Polyester, Size 1, Snap fit metal ring, Cotton Handle
BPEM100P2P	100µm, Polyester, Size 2, Polypropylene Polyloc Ring

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PALL FSI™ MESH FILTER BAGS (CONTINUED)

PART NUMBER	DESCRIPTION
BPEM100P2PA	100µm, Polyester, Size 2, Polypropylene Polyloc Ring, Auto Construction
BPEM100P2S	100µm, Polyester, Size 2, Snap fit metal ring
BPEM100P2SC	100µm, Polyester, Size 2, Snap fit metal ring, Cotton Handle
BPEM100P3P	100µm, Polyester, Size 3, Polypropylene Polyloc Ring, Auto Construction
BPEM100P4P	100µm, Polyester, Size 4, Polypropylene Polyloc Ring
BPEM100P4PB	150µm, Polyester, 12x18 Drawstring
BPEM125P1P	125µm, Polyester, Size 1, Polypropylene Polyloc Ring
BPEM150012X18D	1500µm, Polyester, 12x18 Drawstring
BPEM1500P1P	1500µm, Polyester, Size 1, Polypropylene Polyloc Ring
BPEM1500P2P	1500µm, Polyester, Size 2, Polypropylene Polyloc Ring
BPEM1500P2S	1500µm, Polyester, Size 2, Polypropylene Polyloc Ring, Cotton Handle
BPEM1500P4P	1500µm, Polyester, Size 4, Polypropylene Polyloc Ring
BPEM15012X18D	150µm, Polyester, 12x18 Drawstring
BPEM15015X18D	150µm, Polyester, 15x18 Drawstring
BPEM15018X24D	150µm, Polyester, 18x24 Drawstring
BPEM1506X10D	150µm, Polyester, 6x10 Drawstring
BPEM150P1P	150µm, Polyester, Size 1, Polypropylene Polyloc Ring
BPEM150P1PA	150µm, Polyester, Size 1, Polypropylene Polyloc Ring, Auto Construction
BPEM150P1S	150µm, Polyester, Size 1, Snap fit metal ring
BPEM150P1SC	150µm, Polyester, Size 1, Snap Fit Metal Ring, Cotton Handle
BPEM150P2P	150µm, Polyester, Size 2, Polypropylene Polyloc Ring
BPEM150P2PA	150µm, Polyester, Size 2, Polypropylene Polyloc Ring, Auto Construction
BPEM150P2S	150µm, Polyester, Size 2, Snap Fit Metal Ring
BPEM150P2SSS	150µm, Polyester, Size 2, Stainless steel snap fit ring
BPEM150P3P	150µm, Polyester, Size 3, Polypropylene Polyloc Ring

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PALL FSI™ MESH FILTER BAGS (CONTINUED)

PART NUMBER	DESCRIPTION
BPEM150P4P	150µm, Polyester, Size 4, Polypropylene Polyloc Ring
BPEM20012X18D	200µm, Polyester, 12x18 Drawstring
BPEM200P1P	200µm, Polyester, Size 1, Polypropylene Polyloc Ring
BPEM200P1S	200µm, Polyester, Size 1, Snap fit metal ring
BPEM200P1SC	200µm, Polyester, Size 1, Snap Fit Metal Ring, Cotton Handle
BPEM200P2P	200µm, Polyester, Size 2, Polypropylene Polyloc Ring
BPEM200P2S	200µm, Polyester, Size 2, Snap fit metal ring
BPEM200P2SC	200µm, Polyester, Size 2, Snap Fit Metal Ring, Cotton Handle
BPEM200P3P	200µm, Polyester, Size 3, Polypropylene Polyloc Ring
BPEM200P4P	200µm, Polyester, Size 4, Polypropylene Polyloc Ring
BPEM25012X18D	250µm, Polyester, 12x18 Drawstring
BPEM2505GP	250µm, Polyester, 5 Gallon Pail
BPEM250P1P	250µm, Polyester, Size 1, Polypropylene Polyloc Ring
BPEM250P1S	250µm, Polyester, Size 1, Snap fit metal ring
BPEM250P1SC	250µm, Polyester, Size 1, Snap Fit Metal Ring, Cotton Handle
BPEM250P2P	250µm, Polyester, Size 2, Polypropylene Polyloc Ring
BPEM250P2PA	250µm, Polyester, Size 2, Polypropylene Polyloc Ring, Auto Construction
BPEM250P3P	250µm, Polyester, Size 3, Polypropylene Polyloc Ring
BPEM250P4P	250µm, Polyester, Size 4, Polypropylene Polyloc Ring
BPEM30012X18D	300µm, Polyester, 12x18 Drawstring
BPEM300P1P	300µm, Polyester, Size 1, Polypropylene Polyloc Ring, Auto Construction
BPEM300P2P	300µm, Polyester, Size 2, Polypropylene Polyloc Ring, Auto Construction
BPEM300P2PA	300µm, Polyester, Size 2, Polypropylene Polyloc Ring, Auto Construction
BPEM300P2S	300µm, Polyester, Size 2, Snap fit metal ring
BPEM300P2SC	300µm, Polyester, Size 2, Snap Fit Metal Ring, Cotton Handle

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PALL FSI™ MESH FILTER BAGS (CONTINUED)

PART NUMBER	DESCRIPTION
BPEM300P3P	300µm, Polyester, Size 3, Polypropylene Polyloc Ring
BPEM300P4P	300µm, Polyester, Size 4, Polypropylene Polyloc Ring
BPEM300P4SC	300µm, Polyester, Size 4, Snap Fit Metal Ring, Cotton Handle
BPEM40012X18D	400µm, Polyester, 12x18 Drawstring
BPEM4005GP	400µm, Polyester, 5 Gallon Pail
BPEM400P1P	400µm, Polyester, Size 1, Polypropylene Polyloc Ring, Auto Construction
BPEM400P1S	400µm, Polyester, Size 1, Snap fit metal ring
BPEM400P1SC	400µm, Polyester, Size 1, Snap fit metal ring, Cotton Handle
BPEM400P2P	400µm, Polyester, Size 2, Polypropylene Polyloc Ring
BPEM400P2PA	400µm, Polyester, Size 2, Polypropylene Polyloc Ring, Auto Construction
BPEM400P2S	400µm, Polyester, Size 2, Snap fit metal ring
BPEM400P2SC	400µm, Polyester, Size 2, Snap Fit Metal Ring, Cotton Handle
BPEM400P3P	400µm, Polyester, Size 3, Polypropylene Polyloc Ring
BPEM400P4P	400µm, Polyester, Size 4, Polypropylene Polyloc Ring
BPEM400P4PA	400µm, Polyester, Size 4, Polypropylene Polyloc Ring, Auto Construction
BPEM400P4S	400µm, Polyester, Size 4, Snap fit metal ring
BPEM600P1P	600µm, Polyester, Size 1, Polypropylene Polyloc Ring
BPEM600P1S	600µm, Polyester, Size 1, Snap Fit Metal Ring
BPEM600P1SC	600µm, Polyester, Size 1, Snap Fit Metal Ring, Cotton Handle
BPEM600P2P	600µm, Polyester, Size 2, Polypropylene Polyloc Ring
BPEM755X7D	75µm, Polyester, 5x7 Drawstring
BPEM75P1P	75µm, Polyester, Size 1, Polypropylene Polyloc Ring
BPEM75P1S	75µm, Polyester, Size 1, Snap Fit Ring
BPEM75P2P	75µm, Polyester, Size 2, Polypropylene Polyloc Ring
BPEM75P4P	75µm, Polyester, Size 4, Polypropylene Polyloc Ring

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PALL FSI™ MESH FILTER BAGS (CONTINUED)

PART NUMBER	DESCRIPTION
BPEM80012X18D	800µm, Polyester, 12x18 Drawstring
BPEM80018X24D	800µm, Polyester, 18x24 Drawstring
BPEM8005GP	800µm, Polyester, 5 Gallon Pail
BPEM800P1P	800µm, Polyester, Size 1, Polypropylene Polyloc Ring
BPEM800P1S	800µm, Polyester, Size 1, Snap Fit Metal Ring
BPEM800P1SC	800µm, Polyester, Size 1, Snap Fit Metal Ring, Cotton Handle
BPEM800P2P	800µm, Polyester, Size 2, Polypropylene Polyloc Ring
BPEM800P2PA	800µm, Polyester, Size 2, Polypropylene Polyloc Ring, Auto Construction
BPEM800P2S	800µm, Polyester, Size 2, Snap Fit Metal Ring
BPEM800P2SC	800µm, Polyester, Size 2, Snap Fit Metal Ring, Cotton Handle
BPEM800P3P	800µm, Polyester, Size 3, Polypropylene Polyloc Ring
BPEM800P4P	800µm, Polyester, Size 3, Snap Fit Metal Ring
BPMO100P1P	100µm, Polypropylene, Size 1, Polypropylene Polyloc Ring
BPMO100P2P	100µm, Polypropylene, Size 2, Polypropylene Polyloc Ring
BPMO100P3P	100µm, Polypropylene, Size 3, Polypropylene Polyloc Ring
BPMO100P4P	100µm, Polypropylene, Size 4, Polypropylene Polyloc Ring
BPMO150P1P	150µm, Polypropylene, Size 1, Polypropylene Polyloc Ring
BPMO150P2P	150µm, Polypropylene, Size 2, Polypropylene Polyloc Ring
BPMO150P4P	150µm, Polypropylene, Size 4, Polypropylene Polyloc Ring
BPMO200P1P	200µm, Polypropylene, Size 1, Polypropylene Polyloc Ring
BPMO200P2P	200µm, Polypropylene, Size 2, Polypropylene Polyloc Ring
BPMO200P2PA	200µm, Polypropylene, Size 2, Polypropylene Polyloc Ring, Auto Construction
BPMO200P3P	200µm, Polypropylene, Size 3, Polypropylene Polyloc Ring
BPMO200P4P	200µm, Polypropylene, Size 4, Polypropylene Polyloc Ring
BPMO300P1P	300µm, Polypropylene, Size 1, Polypropylene Polyloc Ring

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PALL FSI™ MESH FILTER BAGS (CONTINUED)

PART NUMBER	DESCRIPTION
BPMO300P2P	300µm, Polypropylene, Size 2, Polypropylene Polyloc Ring
BPMO300P2SSS	300µm, Polypropylene, Size 2, Stainless Steel Snap Fit Ring
BPMO300P3P	300µm, Polypropylene, Size 3, Polypropylene Polyloc Ring
BPMO300P4P	300µm, Polypropylene, Size 4, Polypropylene Polyloc Ring
BPMO400P2PA	400µm, Polypropylene, Size 2, Polypropylene Polyloc Ring, Auto Construction
BPMO600P1P	600µm, Polypropylene, Size 1, Polypropylene Polyloc Ring
BPMO600P2P	600µm, Polypropylene, Size 2, Polypropylene Polyloc Ring
BPMO600P3P	600µm, Polypropylene, Size 3, Polypropylene Polyloc Ring
BPMO600P4P	600µm, Polypropylene, Size 4, Polypropylene Polyloc Ring
BPMO800P1P	800µm, Polypropylene, Size 1, Polypropylene Polyloc Ring
BPMO800P2P	800µm, Polypropylene, Size 2, Polypropylene Polyloc Ring
BPMO800P3P	800µm, Polypropylene, Size 3, Polypropylene Polyloc Ring
BPMO800P4P	800µm, Polypropylene, Size 4, Polypropylene Polyloc Ring

PALL FSI™ POLYWELD FILTER BAGS

PART NUMBER	DESCRIPTION
BPENG100P1PEWE	100µm, Polyester, Size 1, Polyester PolyLoc Ring, Welded Seam Construction
BPENG100P1PWE	100µm, Polyester, Size 1, Polypropylene PolyLoc Ring, Welded Seam Construction
BPENG100P2PEWE	100µm, Polyester, Size 2, Polyester PolyLoc Ring, Welded Seam Construction
BPENG100P2PWE	100µm, Polyester, Size 2, Polypropylene PolyLoc Ring, Welded Seam Construction
BPENG10P1PEWE	10µm, Polyester, Size 1, Polyester PolyLoc Ring, Welded Seam Construction
BPENG10P1PWE	10µm, Polyester, Size 1, Polypropylene PolyLoc Ring, Welded Seam Construction
BPENG10P2PEWE	10µm, Polyester, Size 2, Polyester PolyLoc Ring, Welded Seam Construction
BPENG10P2PWE	10µm, Polyester, Size 2, Polypropylene PolyLoc Ring, Welded Seam Construction
BPENG1P1PEWE	1µm, Polyester, Size 1, Polyester PolyLoc Ring, Welded Seam Construction
BPENG1P1PWE	1µm, Polyester, Size 1, Polypropylene PolyLoc Ring, Welded Seam Construction
BPENG1P2PEWE	1µm, Polyester, Size 2, Polyester PolyLoc Ring, Welded Seam Construction
BPENG1P2PWE	1µm, Polyester, Size 2, Polypropylene PolyLoc Ring, Welded Seam Construction
BPENG200P1PEWE	200µm, Polyester, Size 1, Polyester PolyLoc Ring, Welded Seam Construction
BPENG200P1PWE	200µm, Polyester, Size 1, Polypropylene PolyLoc Ring, Welded Seam Construction
BPENG200P2PEWE	200µm, Polyester, Size 2, Polyester PolyLoc Ring, Welded Seam Construction
BPENG25P1PEWE	25µm, Polyester, Size 1, Polyester PolyLoc Ring, Welded Seam Construction
BPENG25P1PWE	25µm, Polyester, Size 1, Polypropylene PolyLoc Ring, Welded Seam Construction
BPENG25P2PEWE	25µm, Polyester, Size 2, Polyester PolyLoc Ring, Welded Seam Construction
BPENG25P2PWE	25µm, Polyester, Size 2, Polypropylene PolyLoc Ring, Welded Seam Construction
BPENG3P1PEWE	3µm, Polyester, Size 1, Polyester PolyLoc Ring, Welded Seam Construction
BPENG3P1PWE	3µm, Polyester, Size 1, Polypropylene PolyLoc Ring, Welded Seam Construction
BPENG3P2PEWE	3µm, Polyester, Size 2, Polyester PolyLoc Ring, Welded Seam Construction
BPENG3P2PWE	3µm, Polyester, Size 2, Polypropylene PolyLoc Ring, Welded Seam Construction
BPENG5P1PEWE	5µm, Polyester, Size 1, Polyester PolyLoc Ring, Welded Seam Construction
BPENG5P1PWE	5µm, Polyester, Size 1, Polypropylene PolyLoc Ring, Welded Seam Construction

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PALL FSI™ POLYWELD FILTER BAGS (CONTINUED)

PART NUMBER	DESCRIPTION
BPENG5P2PEWE	5µm, Polyester, Size 2, Polyester PolyLoc Ring, Welded Seam Construction
BPENG5P2PWE	5µm, Polyester, Size 2, Polypropylene PolyLoc Ring, Welded Seam Construction
BPENG75P1PEWE	75µm, Polyester, Size 1, Polyester PolyLoc Ring, Welded Seam Construction
BPENG75P1PWE	75µm, Polyester, Size 1, Polypropylene PolyLoc Ring, Welded Seam Construction
BPENG75P2PEWE	75µm, Polyester, Size 2, Polyester PolyLoc Ring, Welded Seam Construction
BPENG75P2PWE	75µm, Polyester, Size 2, Polypropylene PolyLoc Ring, Welded Seam Construction
BPONG100P1PWE	100µm, Polypropylene, Size 1, Polypropylene PolyLoc Ring, Welded Seam Construction
BPONG100P2PWE	100µm, Polypropylene, Size 2, Polypropylene PolyLoc Ring, Welded Seam Construction
BPONG10P1PWE	10µm, Polypropylene, Size 1, Polypropylene PolyLoc Ring, Welded Seam Construction
BPONG10P2PWE	10µm, Polypropylene, Size 2, Polypropylene PolyLoc Ring, Welded Seam Construction
BPONG1P1PWE	1µm, Polypropylene, Size 1, Polypropylene PolyLoc Ring, Welded Seam Construction
BPONG1P2PWE	1µm, Polypropylene, Size 2, Polypropylene PolyLoc Ring, Welded Seam Construction
BPONG25P1PWE	25µm, Polypropylene, Size 1, Polypropylene PolyLoc Ring, Welded Seam Construction
BPONG25P2PWE	25µm, Polypropylene, Size 2, Polypropylene PolyLoc Ring, Welded Seam Construction
BPONG3P1PWE	3µm, Polypropylene, Size 1, Polypropylene PolyLoc Ring, Welded Seam Construction
BPONG3P2PWE	3µm, Polypropylene, Size 2, Polypropylene PolyLoc Ring, Welded Seam Construction
BPONG50P1PWE	50µm, Polypropylene, Size 1, Polypropylene PolyLoc Ring, Welded Seam Construction
BPONG50P2PWE	50µm, Polypropylene, Size 2, Polypropylene PolyLoc Ring, Welded Seam Construction
BPONG5P1PWE	5µm, Polypropylene, Size 1, Polypropylene PolyLoc Ring, Welded Seam Construction
BPONG5P2PWE	5µm, Polypropylene, Size 2, Polypropylene PolyLoc Ring, Welded Seam Construction

PALL FSI™ POMF FILTER BAGS

PART NUMBER	DESCRIPTION
BPOMF10AP1P	10µm, Polypropylene, Size 1, Polyloc Ring
BPOMF10AP2P	10µm, Polypropylene, Size 2, Polyloc Ring
BPOMF10APP2P61	10µm, Polypropylene, Size 2, Polyloc Ring, NSF61 Certified
BPOMF1AP2P	1µm, Polypropylene, Size 2, Polyloc Ring
BPOMF1AP3P	1µm, Polypropylene, Size 3, Polyloc Ring
BPOMF1AP4P	1µm, Polypropylene, Size 4, Polyloc Ring
BPOMF1APP2P61	1µm, Polypropylene, Size 2, Polyloc Ring, NSF61 Certified
BPOMF25AP2P	25µm, Polypropylene, Size 2, Polyloc Ring
BPOMF25AP3P	25µm, Polypropylene, Size 3, Polyloc Ring
BPOMF25AP4P	25µm, Polypropylene, Size 4, Polyloc Ring
BPOMF2AP2P	2µm, Polypropylene, Size 2, Polyloc Ring
BPOMF2AP3P	2µm, Polypropylene, Size 3, Polyloc Ring
BPOMF2AP4P	2µm, Polypropylene, Size 4, Polyloc Ring
BPOMF50AP2P	50µm, Polypropylene, Size 2, Polyloc Ring
BPOMF90AP2P	90µm, Polypropylene, Size 2, Polyloc Ring
BPOMF90AP3P	90µm, Polypropylene, Size 3, Polyloc Ring
BPOMF90AP4P	90µm, Polypropylene, Size 4, Polyloc Ring
BPOMFOAP1P	Special Purpose 25µm, Polypropylene, Size 1, Polyloc Ring
BPOMFOAP2P	Special Purpose 25µm, Polypropylene, Size 2, Polyloc Ring
BPOMFOAP2RD	Special Purpose 25µm, Polypropylene, Size 2, Ronningen-Petter Snap Fit Ring
BPOMFOAP3P	Special Purpose 25µm, Polypropylene, Size 3, Polyloc Ring
BPOMFOAP4P	Special Purpose 25µm, Polypropylene, Size 4, Polyloc Ring

PALL FSI™ STANDARD FELT FILTER BAGS

PART NUMBER	DESCRIPTION
BPEIF100P1P	100µm, Polyester, Size 1, Inserted Felt, Fuzzy Finish, Polypropylene Polyloc Ring
BPEIF100P1S	100µm, Polyester, Size 1, Inserted Felt, Fuzzy Finish, Snap Ring Metal
BPEIF100P2P	100µm, Polyester, Size 2, Inserted Felt, Fuzzy Finish, Polypropylene Polyloc Ring
BPEIF100P2S	100µm, Polyester, Size 2, Inserted Felt, Fuzzy Finish, Snap Ring Metal
BPEIF100P3P	100µm, Polyester, Size 3, Inserted Felt, Fuzzy Finish, Polypropylene Polyloc Ring
BPEIF100P3S	100µm, Polyester, Size 3, Inserted Felt, Fuzzy Finish, Snap Ring Metal
BPEIF100P4P	100µm, Polyester, Size 4, Inserted Felt, Fuzzy Finish, Polypropylene Polyloc Ring
BPEIF100P4S	100µm, Polyester, Size 4, Inserted Felt, Fuzzy Finish, Snap Ring Metal
BPEIF10P1P	10µm, Polyester, Size 1, Inserted Felt, Fuzzy Finish, Polypropylene Polyloc Ring
BPEIF10P1S	10µm, Polyester, Size 1, Inserted Felt, Fuzzy Finish, Snap Ring Metal
BPEIF10P2P	10µm, Polyester, Size 2, Inserted Felt, Fuzzy Finish, Polypropylene Polyloc Ring
BPEIF10P2S	10µm, Polyester, Size 2, Inserted Felt, Fuzzy Finish, Snap Ring Metal
BPEIF10P3P	10µm, Polyester, Size 3, Inserted Felt, Fuzzy Finish, Polypropylene Polyloc Ring
BPEIF10P3S	10µm, Polyester, Size 3, Inserted Felt, Fuzzy Finish, Snap Ring Metal
BPEIF10P4P	10µm, Polyester, Size 4, Inserted Felt, Fuzzy Finish, Polypropylene Polyloc Ring
BPEIF10P4S	10µm, Polyester, Size 4, Inserted Felt, Fuzzy Finish, Snap Ring Metal
BPEIF200P1P	200µm, Polyester, Size 1, Inserted Felt, Fuzzy Finish, Polypropylene Polyloc Ring
BPEIF200P1S	200µm, Polyester, Size 1, Inserted Felt, Fuzzy Finish, Snap Ring Metal
BPEIF200P2P	200µm, Polyester, Size 2, Inserted Felt, Fuzzy Finish, Polypropylene Polyloc Ring
BPEIF200P2S	200µm, Polyester, Size 2, Inserted Felt, Fuzzy Finish, Snap Ring Metal
BPEIF200P3P	200µm, Polyester, Size 3, Inserted Felt, Fuzzy Finish, Polypropylene Polyloc Ring
BPEIF200P3S	200µm, Polyester, Size 3, Inserted Felt, Fuzzy Finish, Snap Ring Metal
BPEIF200P4P	200µm, Polyester, Size 4, Inserted Felt, Fuzzy Finish, Polypropylene Polyloc Ring
BPEIF200P4S	200µm, Polyester, Size 4, Inserted Felt, Fuzzy Finish, Snap Ring Metal
BPEIF25P1P	25µm, Polyester, Size 1, Inserted Felt, Fuzzy Finish, Polypropylene Polyloc Ring

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PALL FSI™ STANDARD FELT FILTER BAGS (CONTINUED)

PART NUMBER	DESCRIPTION
BPEIF25P1S	25µm, Polyester, Size 1, Inserted Felt, Fuzzy Finish, Snap Ring Metal
BPEIF25P2P	25µm, Polyester, Size 2, Inserted Felt, Fuzzy Finish, Polypropylene Polyloc Ring
BPEIF25P2S	25µm, Polyester, Size 2, Inserted Felt, Fuzzy Finish, Snap Ring Metal
BPEIF25P3P	25µm, Polyester, Size 3, Inserted Felt, Fuzzy Finish, Polypropylene Polyloc Ring
BPEIF25P3S	25µm, Polyester, Size 3, Inserted Felt, Fuzzy Finish, Snap Ring Metal
BPEIF25P4P	25µm, Polyester, Size 4, Inserted Felt, Fuzzy Finish, Polypropylene Polyloc Ring
BPEIF25P4S	25µm, Polyester, Size 4, Inserted Felt, Fuzzy Finish, Snap Ring Metal
BPEIF50P1P	50µm, Polyester, Size 1, Inserted Felt, Fuzzy Finish, Polypropylene Polyloc Ring
BPEIF50P1S	50µm, Polyester, Size 1, Inserted Felt, Fuzzy Finish, Snap Ring Metal
BPEIF50P2P	50µm, Polyester, Size 2, Inserted Felt, Fuzzy Finish, Polypropylene Polyloc Ring
BPEIF50P2S	50µm, Polyester, Size 2, Inserted Felt, Fuzzy Finish, Snap Ring Metal
BPEIF50P3P	50µm, Polyester, Size 3, Inserted Felt, Fuzzy Finish, Polypropylene Polyloc Ring
BPEIF50P3S	50µm, Polyester, Size 3, Inserted Felt, Fuzzy Finish, Snap Ring Metal
BPEIF50P4P	50µm, Polyester, Size 4, Inserted Felt, Fuzzy Finish, Polypropylene Polyloc Ring
BPEIF50P4S	50µm, Polyester, Size 4, Inserted Felt, Fuzzy Finish, Snap Ring Metal
BPEIF5P1P	5µm, Polyester, Size 1, Inserted Felt, Fuzzy Finish, Polypropylene Polyloc Ring
BPEIF5P1S	5µm, Polyester, Size 1, Inserted Felt, Fuzzy Finish, Snap Ring Metal
BPEIF5P2P	5µm, Polyester, Size 2, Inserted Felt, Fuzzy Finish, Polypropylene Polyloc Ring
BPEIF5P2S	5µm, Polyester, Size 2, Inserted Felt, Fuzzy Finish, Snap Ring Metal
BPEIF5P3P	5µm, Polyester, Size 3, Inserted Felt, Fuzzy Finish, Polypropylene Polyloc Ring
BPEIF5P3S	5µm, Polyester, Size 3, Inserted Felt, Fuzzy Finish, Snap Ring Metal
BPEIF5P4P	5µm, Polyester, Size 4, Inserted Felt, Fuzzy Finish, Polypropylene Polyloc Ring
BPEIF5P4S	5µm, Polyester, Size 4, Inserted Felt, Fuzzy Finish, Snap Ring Metal
BPEIF75P1P	75µm, Polyester, Size 1, Inserted Felt, Fuzzy Finish, Polypropylene Polyloc Ring
BPEIF75P1S	75µm, Polyester, Size 1, Inserted Felt, Fuzzy Finish, Snap Ring Metal

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PALL FSI™ STANDARD FELT FILTER BAGS (CONTINUED)

PART NUMBER	DESCRIPTION
BPEIF75P2P	75µm, Polyester, Size 2, Inserted Felt, Fuzzy Finish, Polypropylene Polyloc Ring
BPEIF75P2S	75µm, Polyester, Size 2, Inserted Felt, Fuzzy Finish, Snap Ring Metal
BPEIF75P3P	75µm, Polyester, Size 3, Inserted Felt, Fuzzy Finish, Polypropylene Polyloc Ring
BPEIF75P3S	75µm, Polyester, Size 3, Inserted Felt, Fuzzy Finish, Snap Ring Metal
BPEIF75P4P	75µm, Polyester, Size 4, Inserted Felt, Fuzzy Finish, Polypropylene Polyloc Ring
BPEIF75P4S	75µm, Polyester, Size 4, Inserted Felt, Fuzzy Finish, Snap Ring Metal
BPEIG100P1P	100µm, Polyester, Size 1, Inserted Felt, Glazed Finish, Polypropylene Polyloc Ring
BPEIG100P1S	100µm, Polyester, Size 1, Inserted Felt, Glazed Finish, Snap Ring Metal
BPEIG100P2P	100µm, Polyester, Size 2, Inserted Felt, Glazed Finish, Polypropylene Polyloc Ring
BPEIG100P2S	100µm, Polyester, Size 2, Inserted Felt, Glazed Finish, Snap Ring Metal
BPEIG100P3P	100µm, Polyester, Size 3, Inserted Felt, Glazed Finish, Polypropylene Polyloc Ring
BPEIG100P3S	100µm, Polyester, Size 3, Inserted Felt, Glazed Finish, Snap Ring Metal
BPEIG100P4P	100µm, Polyester, Size 4, Inserted Felt, Glazed Finish, Polypropylene Polyloc Ring
BPEIG100P4S	100µm, Polyester, Size 4, Inserted Felt, Glazed Finish, Snap Ring Metal
BPEIG10P1P	10µm, Polyester, Size 1, Inserted Felt, Glazed Finish, Polypropylene Polyloc Ring
BPEIG10P1S	10µm, Polyester, Size 1, Inserted Felt, Glazed Finish, Snap Ring Metal
BPEIG10P2P	10µm, Polyester, Size 2, Inserted Felt, Glazed Finish, Polypropylene Polyloc Ring
BPEIG10P2S	10µm, Polyester, Size 2, Inserted Felt, Glazed Finish, Snap Ring Metal
BPEIG10P3P	10µm, Polyester, Size 3, Inserted Felt, Glazed Finish, Polypropylene Polyloc Ring
BPEIG10P3S	10µm, Polyester, Size 3, Inserted Felt, Glazed Finish, Snap Ring Metal
BPEIG10P4P	10µm, Polyester, Size 4, Inserted Felt, Glazed Finish, Polypropylene Polyloc Ring
BPEIG10P4S	10µm, Polyester, Size 4, Inserted Felt, Glazed Finish, Snap Ring Metal
BPEIG200P1P	200µm, Polyester, Size 1, Inserted Felt, Glazed Finish, Polypropylene Polyloc Ring
BPEIG200P1S	200µm, Polyester, Size 1, Inserted Felt, Glazed Finish, Snap Ring Metal
BPEIG200P2P	200µm, Polyester, Size 2, Inserted Felt, Glazed Finish, Polypropylene Polyloc Ring

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PALL FSI™ STANDARD FELT FILTER BAGS (CONTINUED)

PART NUMBER	DESCRIPTION
BPEIG200P2S	200µm, Polyester, Size 2, Inserted Felt, Glazed Finish, Snap Ring Metal
BPEIG200P3P	200µm, Polyester, Size 3, Inserted Felt, Glazed Finish, Polypropylene Polyloc Ring
BPEIG200P3S	200µm, Polyester, Size 3, Inserted Felt, Glazed Finish, Snap Ring Metal
BPEIG200P4P	200µm, Polyester, Size 4, Inserted Felt, Glazed Finish, Polypropylene Polyloc Ring
BPEIG200P4S	200µm, Polyester, Size 4, Inserted Felt, Glazed Finish, Snap Ring Metal
BPEIG25P1P	25µm, Polyester, Size 1, Inserted Felt, Glazed Finish, Polypropylene Polyloc Ring
BPEIG25P1S	25µm, Polyester, Size 1, Inserted Felt, Glazed Finish, Snap Ring Metal
BPEIG25P2P	25µm, Polyester, Size 2, Inserted Felt, Glazed Finish, Polypropylene Polyloc Ring
BPEIG25P2S	25µm, Polyester, Size 2, Inserted Felt, Glazed Finish, Snap Ring Metal
BPEIG25P3P	25µm, Polyester, Size 3, Inserted Felt, Glazed Finish, Polypropylene Polyloc Ring
BPEIG25P3S	25µm, Polyester, Size 3, Inserted Felt, Glazed Finish, Snap Ring Metal
BPEIG25P4P	25µm, Polyester, Size 4, Inserted Felt, Glazed Finish, Polypropylene Polyloc Ring
BPEIG25P4S	25µm, Polyester, Size 4, Inserted Felt, Glazed Finish, Snap Ring Metal
BPEIG50P1P	50µm, Polyester, Size 1, Inserted Felt, Glazed Finish, Polypropylene Polyloc Ring
BPEIG50P1S	50µm, Polyester, Size 1, Inserted Felt, Glazed Finish, Snap Ring Metal
BPEIG50P2P	50µm, Polyester, Size 2, Inserted Felt, Glazed Finish, Polypropylene Polyloc Ring
BPEIG50P2S	50µm, Polyester, Size 2, Inserted Felt, Glazed Finish, Snap Ring Metal
BPEIG50P3P	50µm, Polyester, Size 3, Inserted Felt, Glazed Finish, Polypropylene Polyloc Ring
BPEIG50P3S	50µm, Polyester, Size 3, Inserted Felt, Glazed Finish, Snap Ring Metal
BPEIG50P4P	50µm, Polyester, Size 4, Inserted Felt, Glazed Finish, Polypropylene Polyloc Ring
BPEIG50P4S	50µm, Polyester, Size 4, Inserted Felt, Glazed Finish, Snap Ring Metal
BPEIG5P1P	5µm, Polyester, Size 1, Inserted Felt, Glazed Finish, Polypropylene Polyloc Ring
BPEIG5P1S	5µm, Polyester, Size 1, Inserted Felt, Glazed Finish, Snap Ring Metal
BPEIG5P2P	5µm, Polyester, Size 2, Inserted Felt, Glazed Finish, Polypropylene Polyloc Ring
BPEIG5P2S	5µm, Polyester, Size 2, Inserted Felt, Glazed Finish, Snap Ring Metal

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PALL FSI™ STANDARD FELT FILTER BAGS (CONTINUED)

PART NUMBER	DESCRIPTION
BPEIG5P3P	5µm, Polyester, Size 3, Inserted Felt, Glazed Finish, Polypropylene Polyloc Ring
BPEIG5P3S	5µm, Polyester, Size 3, Inserted Felt, Glazed Finish, Snap Ring Metal
BPEIG5P4S	5µm, Polyester, Size 4, Inserted Felt, Glazed Finish, Snap Ring Metal
BPEIG75P1S	75µm, Polyester, Size 1, Inserted Felt, Glazed Finish, Snap Ring Metal
BPEIG75P2P	75µm, Polyester, Size 2, Inserted Felt, Glazed Finish, Polypropylene Polyloc Ring
BPEIG75P2S	75µm, Polyester, Size 2, Inserted Felt, Glazed Finish, Snap Ring Metal
BPEIG75P3P	75µm, Polyester, Size 3, Inserted Felt, Glazed Finish, Polypropylene Polyloc Ring
BPEIG75P4S	75µm, Polyester, Size 4, Inserted Felt, Glazed Finish, Snap Ring Metal
BPENF100P1P	100µm, Polyester, Size 1, Non-Inserted Felt, Fuzzy Finish, Polypropylene Polyloc Ring
BPENF100P1PWE	100µm, Polyester, Size 1, Non-Inserted Felt, Welded Seam, Fuzzy Finish, Polypropylene Polyloc Ring
BPENF100P1S	100µm, Polyester, Size 1, Non-Inserted Felt, Fuzzy Finish, Snap Ring Metal
BPENF100P2P	100µm, Polyester, Size 2, Non-Inserted Felt, Fuzzy Finish, Polypropylene Polyloc Ring
BPENF100P2PWE	100µm, Polyester, Size 2, Non-Inserted Felt, Welded Seam, Fuzzy Finish, Polypropylene Polyloc Ring
BPENF100P2S	100µm, Polyester, Size 2, Non-Inserted Felt, Fuzzy Finish, Snap Ring Metal
BPENF100P3P	100µm, Polyester, Size 3, Non-Inserted Felt, Fuzzy Finish, Polypropylene Polyloc Ring
BPENF100P3S	100µm, Polyester, Size 3, Non-Inserted Felt, Fuzzy Finish, Snap Ring Metal
BPENF100P4P	100µm, Polyester, Size 4, Non-Inserted Felt, Fuzzy Finish, Polypropylene Polyloc Ring
BPENF100P4S	100µm, Polyester, Size 4, Non-Inserted Felt, Fuzzy Finish, Snap Ring Metal
BPENF10P1P	10µm, Polyester, Size 1, Non-Inserted Felt, Fuzzy Finish, Polypropylene Polyloc Ring
BPENF10P1PWE	10µm, Polyester, Size 1, Non-Inserted Felt, Welded Seam, Fuzzy Finish, Polypropylene Polyloc Ring
BPENF10P1S	10µm, Polyester, Size 1, Non-Inserted Felt, Fuzzy Finish, Snap Ring Metal
BPENF10P2P	10µm, Polyester, Size 2, Non-Inserted Felt, Fuzzy Finish, Polypropylene Polyloc Ring
BPENF10P2PWE	10µm, Polyester, Size 2, Non-Inserted Felt, Welded Seam, Fuzzy Finish, Polypropylene Polyloc Ring

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PALL FSI™ STANDARD FELT FILTER BAGS (CONTINUED)

PART NUMBER	DESCRIPTION
BPENF10P2S	10µm, Polyester, Size 2, Non-Inserted Felt, Fuzzy Finish, Snap Ring Metal
BPENF10P3P	10µm, Polyester, Size 3, Non-Inserted Felt, Fuzzy Finish, Polypropylene Polyloc Ring
BPENF10P3S	10µm, Polyester, Size 3, Non-Inserted Felt, Fuzzy Finish, Snap Ring Metal
BPENF10P4P	10µm, Polyester, Size 4, Non-Inserted Felt, Fuzzy Finish, Polypropylene Polyloc Ring
BPENF10P4S	10µm, Polyester, Size 4, Non-Inserted Felt, Fuzzy Finish, Snap Ring Metal
BPENF1P1P	1µm, Polyester, Size 1, Non-Inserted Felt, Fuzzy Finish, Polypropylene Polyloc Ring
BPENF1P1PWE	1µm, Polyester, Size 1, Non-Inserted Felt, Welded Seam, Fuzzy Finish, Polypropylene Polyloc Ring
BPENF1P1S	1µm, Polyester, Size 1, Non-Inserted Felt, Fuzzy Finish, Snap Ring Metal
BPENF1P2P	1µm, Polyester, Size 2, Non-Inserted Felt, Fuzzy Finish, Polypropylene Polyloc Ring
BPENF1P2PWE	1µm, Polyester, Size 2, Non-Inserted Felt, Welded Seam, Fuzzy Finish, Polypropylene Polyloc Ring
BPENF1P2S	1µm, Polyester, Size 2, Non-Inserted Felt, Fuzzy Finish, Snap Ring Metal
BPENF1P3P	1µm, Polyester, Size 3, Non-Inserted Felt, Fuzzy Finish, Polypropylene Polyloc Ring
BPENF1P3S	1µm, Polyester, Size 3, Non-Inserted Felt, Fuzzy Finish, Snap Ring Metal
BPENF1P4P	1µm, Polyester, Size 4, Non-Inserted Felt, Fuzzy Finish, Polypropylene Polyloc Ring
BPENF1P4S	1µm, Polyester, Size 4, Non-Inserted Felt, Fuzzy Finish, Snap Ring Metal
BPENF200P1P	200µm, Polyester, Size 1, Non-Inserted Felt, Fuzzy Finish, Polypropylene Polyloc Ring
BPENF200P1PWE	200µm, Polyester, Size 1, Non-Inserted Felt, Welded Seam, Fuzzy Finish, Polypropylene Polyloc Ring
BPENF200P1S	200µm, Polyester, Size 1, Non-Inserted Felt, Fuzzy Finish, Snap Ring Metal
BPENF200P2P	200µm, Polyester, Size 2, Non-Inserted Felt, Fuzzy Finish, Polypropylene Polyloc Ring
BPENF200P2PWE	200µm, Polyester, Size 2, Non-Inserted Felt, Welded Seam, Fuzzy Finish, Polypropylene Polyloc Ring
BPENF200P2S	200µm, Polyester, Size 2, Non-Inserted Felt, Fuzzy Finish, Snap Ring Metal
BPENF200P3P	200µm, Polyester, Size 3, Non-Inserted Felt, Fuzzy Finish, Polypropylene Polyloc Ring
BPENF200P4P	200µm, Polyester, Size 4, Non-Inserted Felt, Fuzzy Finish, Polypropylene Polyloc Ring

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PALL FSI™ STANDARD FELT FILTER BAGS (CONTINUED)

PART NUMBER	DESCRIPTION
BPENF25P1P	25µm, Polyester, Size 1, Non-Inserted Felt, Fuzzy Finish, Polypropylene Polyloc Ring
BPENF25P1PWE	25µm, Polyester, Size 1, Non-Inserted Felt, Welded Seam, Fuzzy Finish, Polypropylene Polyloc Ring
BPENF25P1S	25µm, Polyester, Size 1, Non-Inserted Felt, Fuzzy Finish, Snap Ring Metal
BPENF25P2P	25µm, Polyester, Size 2, Non-Inserted Felt, Fuzzy Finish, Polypropylene Polyloc Ring
BPENF25P2PWE	25µm, Polyester, Size 2, Non-Inserted Felt, Welded Seam, Fuzzy Finish, Polypropylene Polyloc Ring
BPENF25P2S	25µm, Polyester, Size 2, Non-Inserted Felt, Fuzzy Finish, Snap Ring Metal
BPENF25P3P	25µm, Polyester, Size 3, Non-Inserted Felt, Fuzzy Finish, Polypropylene Polyloc Ring
BPENF25P3S	25µm, Polyester, Size 3, Non-Inserted Felt, Fuzzy Finish, Snap Ring Metal
BPENF25P4P	25µm, Polyester, Size 4, Non-Inserted Felt, Fuzzy Finish, Polypropylene Polyloc Ring
BPENF25P4S	25µm, Polyester, Size 4, Non-Inserted Felt, Fuzzy Finish, Snap Ring Metal
BPENF3P1P	3µm, Polyester, Size 1, Non-Inserted Felt, Fuzzy Finish, Polypropylene Polyloc Ring
BPENF3P1PWE	3µm, Polyester, Size 1, Non-Inserted Felt, Welded Seam, Fuzzy Finish, Polypropylene Polyloc Ring
BPENF3P1S	3µm, Polyester, Size 1, Non-Inserted Felt, Fuzzy Finish, Snap Ring Metal
BPENF3P2P	3µm, Polyester, Size 2, Non-Inserted Felt, Fuzzy Finish, Polypropylene Polyloc Ring
BPENF3P2PWE	3µm, Polyester, Size 2, Non-Inserted Felt, Welded Seam, Fuzzy Finish, Polypropylene Polyloc Ring
BPENF3P2S	3µm, Polyester, Size 2, Non-Inserted Felt, Fuzzy Finish, Snap Ring Metal
BPENF3P3P	3µm, Polyester, Size 3, Non-Inserted Felt, Fuzzy Finish, Polypropylene Polyloc Ring
BPENF3P4P	3µm, Polyester, Size 4, Non-Inserted Felt, Fuzzy Finish, Polypropylene Polyloc Ring
BPENF50P1P	50µm, Polyester, Size 1, Non-Inserted Felt, Fuzzy Finish, Polypropylene Polyloc Ring
BPENF50P1PWE	50µm, Polyester, Size 1, Non-Inserted Felt, Welded Seam, Fuzzy Finish, Polypropylene Polyloc Ring
BPENF50P1S	50µm, Polyester, Size 1, Non-Inserted Felt, Fuzzy Finish, Snap Ring Metal
BPENF50P2P	50µm, Polyester, Size 2, Non-Inserted Felt, Fuzzy Finish, Polypropylene Polyloc Ring

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PALL FSI™ STANDARD FELT FILTER BAGS (CONTINUED)

PART NUMBER	DESCRIPTION
BPENF50P2PWE	50µm, Polyester, Size 2, Non-Inserted Felt, Welded Seam, Fuzzy Finish, Polypropylene Polyloc Ring
BPENF50P2S	50µm, Polyester, Size 2, Non-Inserted Felt, Fuzzy Finish, Snap Ring Metal
BPENF50P3P	50µm, Polyester, Size 3, Non-Inserted Felt, Fuzzy Finish, Polypropylene Polyloc Ring
BPENF50P3S	50µm, Polyester, Size 3, Non-Inserted Felt, Fuzzy Finish, Snap Ring Metal
BPENF50P4P	50µm, Polyester, Size 4, Non-Inserted Felt, Fuzzy Finish, Polypropylene Polyloc Ring
BPENF50P4S	50µm, Polyester, Size 4, Non-Inserted Felt, Fuzzy Finish, Snap Ring Metal
BPENF5P1P	5µm, Polyester, Size 1, Non-Inserted Felt, Fuzzy Finish, Polypropylene Polyloc Ring
BPENF5P1PWE	5µm, Polyester, Size 1, Non-Inserted Felt, Welded Seam, Fuzzy Finish, Polypropylene Polyloc Ring
BPENF5P1S	5µm, Polyester, Size 1, Non-Inserted Felt, Fuzzy Finish, Snap Ring Metal
BPENF5P2P	5µm, Polyester, Size 2, Non-Inserted Felt, Fuzzy Finish, Polypropylene Polyloc Ring
BPENF5P2PWE	5µm, Polyester, Size 2, Non-Inserted Felt, Welded Seam, Fuzzy Finish, Polypropylene Polyloc Ring
BPENF5P2S	5µm, Polyester, Size 2, Non-Inserted Felt, Fuzzy Finish, Snap Ring Metal
BPENF5P3P	5µm, Polyester, Size 3, Non-Inserted Felt, Fuzzy Finish, Polypropylene Polyloc Ring
BPENF5P3S	5µm, Polyester, Size 3, Non-Inserted Felt, Fuzzy Finish, Snap Ring Metal
BPENF5P4P	5µm, Polyester, Size 4, Non-Inserted Felt, Fuzzy Finish, Polypropylene Polyloc Ring
BPENF5P4S	5µm, Polyester, Size 4, Non-Inserted Felt, Fuzzy Finish, Snap Ring Metal
BPENF75P1P	75µm, Polyester, Size 1, Non-Inserted Felt, Fuzzy Finish, Polypropylene Polyloc Ring
BPENF75P1PWE	75µm, Polyester, Size 1, Non-Inserted Felt, Welded Seam, Fuzzy Finish, Polypropylene Polyloc Ring
BPENF75P1S	75µm, Polyester, Size 1, Non-Inserted Felt, Fuzzy Finish, Snap Ring Metal
BPENF75P2P	75µm, Polyester, Size 2, Non-Inserted Felt, Fuzzy Finish, Polypropylene Polyloc Ring
BPENF75P2PWE	75µm, Polyester, Size 2, Non-Inserted Felt, Welded Seam, Fuzzy Finish, Polypropylene Polyloc Ring
BPENF75P2S	75µm, Polyester, Size 2, Non-Inserted Felt, Fuzzy Finish, Snap Ring Metal

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PALL FSI™ STANDARD FELT FILTER BAGS (CONTINUED)

PART NUMBER	DESCRIPTION
BPENF75P3P	75µm, Polyester, Size 3, Non-Inserted Felt, Fuzzy Finish, Polypropylene Polyloc Ring
BPENF75P4P	75µm, Polyester, Size 4, Non-Inserted Felt, Fuzzy Finish, Polypropylene Polyloc Ring

PALL FILTER CARTRIDGES

CLARIS® FILTER CARTRIDGES

PART NUMBER	DESCRIPTION
CLR1010	10um, 10”, DOE
CLR1020	10um, 20”, DOE
CLR1030	10um, 30”, DOE
CLR1040	10um, 40”, DOE
CLR1050	10um, 50”, DOE
CLR110	1um, 10”, DOE
CLR120	1um, 20”, DOE
CLR130	1um, 30”, DOE
CLR140	1um, 40”, DOE
CLR150	1um, 50”, DOE
CLR2010	20um, 10”, DOE
CLR2020	20um, 20”, DOE
CLR2030	20um, 30”, DOE
CLR2040	20um, 40”, DOE
CLR2050	20um, 50”, DOE
CLR3010	30um, 10”, DOE
CLR3020	30um, 20”, DOE
CLR3030	30um, 30”, DOE
CLR3040	30um, 40”, DOE
CLR310	3um, 10”, DOE
CLR320	3um, 20”, DOE
CLR330	3um, 30”, DOE
CLR340	3um, 40”, DOE
CLR5010	50um, 10”, DOE
CLR5020	50um, 20”, DOE
CLR5030	50um, 30”, DOE
CLR5040	50um, 40”, DOE
CLR5050	50um, 50”, DOE
CLR510	5um, 10”, DOE
CLR520	5um, 20”, DOE
CLR530	5um, 30”, DOE
CLR540	5um, 40”, DOE
CLR550	5um, 50”, DOE
CLR7510	75um, 10”, DOE
CLR7520	75um, 20”, DOE
CLR7530	75um, 30”, DOE
CLR7540	75um, 40”, DOE

DFT CLASSIC® SERIES FILTER CARTRIDGE

PART NUMBER	DESCRIPTION
C001A10A1PK	1µm, 10”, 2.5 OD, 304 Stainless Steel, Individually wrapped
C001A10S1PK	1µm, 10”, 2.5 OD, 316 Stainless Steel, Individually wrapped
C001A10U1PK	1µm, 10”, 2.5 OD, Polypropylene Core, Individually wrapped
C001A10U1PK	1µm, 10”, 2.5 OD, Polypropylene Core, Individually wrapped
C001AW20S1PK	1µm, 20”, 2.5 OD, 316 Stainless Steel, Individually wrapped
C001AW20U1PK	1µm, 20”, 2.5 OD, Polypropylene Core, Individually wrapped
C001AW20U1PK	1µm, 20”, 2.5 OD, Polypropylene Core, Individually wrapped
C001AW40S1PK	1µm, 40”, 2.5 OD, 316 Stainless Steel, Individually wrapped
C003AW30A1PK	3µm, 30”, 2.5 OD, 304 Stainless Steel, Individually wrapped
C003AW30S1PK	3µm, 30”, 2.5 OD, 316 Stainless Steel, Individually wrapped
C005A10A1PK	5µm, 10”, 2.5 OD, 304 Stainless Steel, Individually wrapped
C005A10S1PK	5µm, 10”, 2.5 OD, 316 Stainless Steel, Individually wrapped
C005A10U1PK	5µm, 10”, 2.5 OD, Polypropylene Core, Individually wrapped
C005A10U1PK	5µm, 10”, 2.5 OD, Polypropylene Core, Individually wrapped
C005AW20A1PK	5µm, 20”, 2.5 OD, 304 Stainless Steel, Individually wrapped
C005AW20S1PK	5µm, 20”, 2.5 OD, 316 Stainless Steel, Individually wrapped
C005AW30S1PK	5µm, 30”, 2.5 OD, 316 Stainless Steel, Individually wrapped
C005AW40A1PK	5µm, 40”, 2.5 OD, 304 Stainless Steel, Individually wrapped
C010A10A1PK	10µm, 10”, 2.5 OD, 304 Stainless Steel, Individually wrapped
C010A10S1PK	10µm, 10”, 2.5 OD, 316 Stainless Steel, Individually wrapped
C010AW20S1PK	10µm, 20”, 2.5 OD, 316 Stainless Steel, Individually wrapped
C010AW30A1PK	10µm, 30”, 2.5 OD, 304 Stainless Steel, Individually wrapped
C010AW50A1PK	10µm, 50”, 2.5 OD, 304 Stainless Steel, Individually wrapped
C020A10A1PK	20µm, 10”, 2.5 OD, 304 Stainless Steel, Individually wrapped
C020AW20A1PK	20µm, 20”, 2.5 OD, 304 Stainless Steel, Individually wrapped

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DFT CLASSIC® SERIES FILTER CARTRIDGE (CONTINUED)

PART NUMBER	DESCRIPTION
C020AW30S1PK	20µm, 30”, 2.5 OD, 316 Stainless Steel, Individually wrapped
C030AW20S1PK	30µm, 20”, 2.5 OD, 316 Stainless Steel, Individually wrapped
C030AW30A1PK	30µm, 30”, 2.5 OD, 304 Stainless Steel, Individually wrapped
C040A10S1PK	40µm, 10”, 2.5 OD, 316 Stainless Steel, Individually wrapped
C040AW30S1PK	40µm, 30”, 2.5 OD, 316 Stainless Steel, Individually wrapped
C040AW50S1PK	40µm, 50”, 2.5 OD, 316 Stainless Steel, Individually wrapped
C050A10A1PK	50µm, 10”, 2.5 OD, 304 Stainless Steel, Individually wrapped
C050AW20S1PK	50µm, 20”, 2.5 OD, 316 Stainless Steel, Individually wrapped
C05A10A1PK	0.5µm, 10”, 2.5 OD, 304 Stainless Steel, Individually wrapped
C05A10S1PK	0.5µm, 10”, 2.5 OD, 316 Stainless Steel, Individually wrapped
C05A10U1PK	0.5µm, 10”, 2.5 OD, Polypropylene Core, Individually wrapped
C05A10U1PK	0.5µm, 10”, 2.5 OD, Polypropylene Core, Individually wrapped
C05AW20S1PK	0.5µm, 20”, 2.5 OD, 316 Stainless Steel, Individually wrapped
U001A10U1PK	1µm, 10”, 2.5 OD, Polypropylene Core, Individually wrapped
U001AW20U1PK	1µm, 20”, 2.5 OD, Polypropylene Core, Individually wrapped
U001AW30U1PK	1µm, 30”, 2.5 OD, Polypropylene Core, Individually wrapped
U001AW40U1PK	1µm, 40”, 2.5 OD, Polypropylene Core, Individually wrapped
U003AW40U1PK	3µm, 40”, 2.5 OD, Polypropylene Core, Individually wrapped
U005A10U1PK	5µm, 10”, 2.5 OD, Polypropylene Core, Individually wrapped
U005AW20U1PK	5µm, 20”, 2.5 OD, Polypropylene Core, Individually wrapped
U005AW30U1PK	5µm, 30”, 2.5 OD, Polypropylene Core, Individually wrapped
U005AW40U1PK	5µm, 40”, 2.5 OD, Polypropylene Core, Individually wrapped
U005AW50U1PK	5µm, 50”, 2.5 OD, Polypropylene Core, Individually wrapped
U050A10U1PK	50µm, 10”, 2.5 OD, Polypropylene Core, Individually wrapped
U050AW20U1PK	50µm, 20”, 2.5 OD, Polypropylene Core, Individually wrapped

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DFT CLASSIC® SERIES FILTER CARTRIDGE (CONTINUED)

PART NUMBER	DESCRIPTION
U050AW30U1PK	50µm, 30”, 2.5 OD, Polypropylene Core, Individually wrapped
U050AW40U1PK	50µm, 40”, 2.5 OD, Polypropylene Core, Individually wrapped
U05A10U1PK	0.5µm, 10”, 2.5 OD, Polypropylene Core, Individually wrapped
U05AW20U1PK	0.5µm, 20”, 2.5 OD, Polypropylene Core, Individually wrapped
U075A10U1PK	75µm, 10”, 2.5 OD, Polypropylene Core, Individually wrapped
U075AW20U1PK	75µm, 20”, 2.5 OD, Polypropylene Core, Individually wrapped

MARKSMAN® XLD FILTER CARTRIDGE

PART NUMBER	DESCRIPTION
XLD1020UE	10µm, 40”, Polypropylene, EPDM, DOE
XLD1020UN	10µm, 40”, Polypropylene, Buna N, DOE
XLD1020UV	10µm, 40”, Polypropylene, “Viton”A, DOE
XLD1040UE	10µm, 20”, Polypropylene, EPDM, DOE
XLD1040UN	10µm, 20”, Polypropylene, Buna N, DOE
XLD1520UE	1.5µm, 40”, Polypropylene, EPDM, DOE
XLD1520UN	1.5µm, 40”, Polypropylene, Buna N, DOE
XLD1520UV	1.5µm, 40”, Polypropylene, “Viton”A, DOE
XLD320UE	3µm, 40”, Polypropylene, EPDM, DOE
XLD320UN	3µm, 40”, Polypropylene, Buna N, DOE
XLD320UV	3µm, 40”, Polypropylene, “Viton”A, DOE
XLD340UE	3µm, 20”, Polypropylene, EPDM, DOE
XLD4520UE	4.5µm, 40”, Polypropylene, EPDM, DOE
XLD4520UN	4.5µm, 40”, Polypropylene, Buna N, DOE
XLD4520UV	4.5µm, 40”, Polypropylene, “Viton” A, DOE
XLD4540UN	4.5µm, 20”, Polypropylene, Buna N, DOE

NEXIS® A SERIES FILTER CARTRIDGES

PART NUMBER	DESCRIPTION
NXA0510U	0.5µm, 10”, DOE
NXA0520U	0.5µm, 20”, DOE
NXA0530U	0.5µm, 30”, DOE
NXA0540U	0.5µm, 20”, DOE
NXA1010U	10µm, 10”, DOE
NXA1020U	10µm, 20”, DOE
NXA1030U	10µm, 30”, DOE
NXA1040U	10µm, 20”, DOE
NXA110U	1µm, 10”, DOE
NXA12010U	120µm, 10”, DOE
NXA12020U	120µm, 20”, DOE
NXA12030U	120µm, 30”, DOE
NXA120U	1µm, 20”, DOE
NXA130U	1µm, 30”, DOE
NXA140U	1µm, 20”, DOE
NXA2010U	20µm, 10”, DOE
NXA2020U	20µm, 20”, DOE
NXA2030U	20µm, 30”, DOE
NXA2040U	20µm, 20”, DOE
NXA3010U	30µm, 10”, DOE
NXA3020U	30µm, 20”, DOE
NXA3030U	30µm, 30”, DOE
NXA310U	3µm, 10”, DOE
NXA320U	3µm, 20”, DOE
NXA330U	3µm, 30”, DOE
NXA340U	3µm, 20”, DOE
NXA4010U	40µm, 10”, DOE
NXA4020U	40µm, 20”, DOE
NXA4030U	40µm, 30”, DOE
NXA4040U	40µm, 20”, DOE
NXA5010U	50µm, 10”, DOE
NXA5020U	50µm, 20”, DOE
NXA5030U	50µm, 30”, DOE
NXA5040U	50µm, 20”, DOE
NXA510U	5µm, 10”, DOE
NXA520U	5µm, 20”, DOE
NXA530U	5µm, 30”, DOE
NXA540U	5µm, 20”, DOE
NXA7010U	70µm, 10”, DOE
NXA7020U	70µm, 20”, DOE
NXA7030U	70µm, 30”, DOE
NXA7040U	70µm, 20”, DOE
NXA9010U	90µm, 10”, DOE
NXA9020U	90µm, 20”, DOE
NXA9030U	90µm, 30”, DOE

NEXIS HIGH FLOW SERIES FILTER ELEMENTS

PART NUMBER	DESCRIPTION
HFNX620Y1000J	100µm, 20”, Ethylene propylene O-ring
HFNX620Y100H13	10µm, 20”, Nitrile O-ring
HFNX620Y100J	10µm, 20”, Ethylene propylene O-ring
HFNX620Y150H	15µm, 20”, Fluorocarbon O-ring
HFNX620Y150H13	15µm, 20”, Nitrile O-ring
HFNX620Y150J	15µm, 20”, Ethylene propylene O-ring
HFNX620Y400H13	40µm, 20”, Nitrile O-ring
HFNX620Y400J	40µm, 20”, Ethylene propylene O-ring
HFNX620Y750H13	75µm, 20”, Nitrile O-ring
HFNX620Y750J	75µm, 20”, Ethylene propylene O-ring
HFNX640Y1000H13	100µm, 40”, Nitrile O-ring
HFNX640Y1000J	100µm, 40”, Ethylene propylene O-ring
HFNX640Y100H13	10µm, 40”, Nitrile O-ring
HFNX640Y100J	10µm, 40”, Ethylene propylene O-ring
HFNX640Y150H	15µm, 40”, Fluorocarbon O-ring
HFNX640Y150H13	15µm, 40”, Nitrile O-ring
HFNX640Y150J	15µm, 40”, Ethylene propylene O-ring
HFNX640Y400H	40µm, 40”, Fluorocarbon O-ring
HFNX640Y400H13	40µm, 40”, Nitrile O-ring
HFNX640Y400J	40µm, 40”, Ethylene propylene O-ring
HFNX640Y750H	75µm, 40”, Fluorocarbon O-ring
HFNX640Y750H13	75µm, 40”, Nitrile O-ring
HFNX640Y750J	75µm, 40”, Ethylene propylene O-ring
HFNX660Y1000J	100µm, 60”, Ethylene propylene O-ring
HFNX660Y100H	10µm, 60”, Fluorocarbon O-ring

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NEXIS HIGH FLOW SERIES FILTER ELEMENTS

PART NUMBER	DESCRIPTION
HFNX660Y100J	10µm, 60”, Ethylene propylene O-ring
HFNX660Y150H	15µm, 60”, Fluorocarbon O-ring
HFNX660Y150J	15µm, 60”, Ethylene propylene O-ring
HFNX660Y400H13	40µm, 60”, Nitrile O-ring
HFNX660Y400J	40µm, 60”, Ethylene propylene O-ring
HFNX660Y750H13	75µm, 60”, Nitrile O-ring

NEXIS T SERIES FILTER CARTRIDGES

PART NUMBER	DESCRIPTION
NXT0510U	0.5µm, 10”, DOE
NXT0520U	0.5µm, 20”, DOE
NXT0530U	0.5µm, 30”, DOE
NXT0540U	0.5µm, 20”, DOE
NXT1010U	10µm, 10”, DOE
NXT1020U	10µm, 20”, DOE
NXT1030U	10µm, 30”, DOE
NXT1040U	10µm, 20”, DOE
NXT110U	1µm, 10”, DOE
NXT12010U	120µm, 10”, DOE
NXT12020U	120µm, 20”, DOE
NXT12030U	120µm, 30”, DOE
NXT120U	1µm, 20”, DOE
NXT130U	1µm, 30”, DOE
NXT140U	1µm, 20”, DOE
NXT2010U	20µm, 10”, DOE
NXT2020U	20µm, 20”, DOE
NXT2030U	20µm, 30”, DOE
NXT2040U	20µm, 20”, DOE
NXT3010U	30µm, 10”, DOE
NXT3020U	30µm, 20”, DOE
NXT3030U	30µm, 30”, DOE
NXT3040U	30µm, 20”, DOE
NXT310U	3µm, 10”, DOE
NXT320U	3µm, 20”, DOE
NXT330U	3µm, 30”, DOE
NXT340U	3µm, 20”, DOE
NXT4010U	40µm, 10”, DOE
NXT4020U	40µm, 20”, DOE
NXT4030U	40µm, 30”, DOE
NXT4040U	40µm, 20”, DOE
NXT5010U	50µm, 10”, DOE
NXT5020U	50µm, 20”, DOE
NXT5030U	50µm, 30”, DOE
NXT5040U	50µm, 20”, DOE
NXT510U	5µm, 10”, DOE
NXT520U	5µm, 20”, DOE
NXT530U	5µm, 30”, DOE
NXT540U	5µm, 20”, DOE

PROFILE® II FILTER CARTRIDGES

PART NUMBER	DESCRIPTION
R1F005	10”, 0.5µm
R1F010	10”, 1µm
R1F030	10”, 3µm
R1F050	10”, 5µm
R1F070	10”, 7µm
R1F100	10”, 10µm
R1F120	10”, 12µm
R1F1200	10”, 120µm
R1F150	10”, 15µm
R1F200	10”, 20µm
R1F300	10”, 30µm
R1F400	10”, 40µm
R1F700	10”, 70µm
R1F900	10”, 90µm
R2F005	20”, 0.5µm
R2F030	20”, 3µm
R2F070	20”, 7µm
R2F100	20”, 10µm
R2F120	20”, 12µm
R2F1200	20”, 120µm
R2F150	20”, 15µm
R2F200	20”, 20µm
R2F300	20”, 30µm
R2F400	20”, 40µm
R2F700	20”, 70µm
R2F900	20”, 90µm
R3F005	30”, 0.5µm
R3F010	30”, 1µm
R3F030	30”, 3µm
R3F070	30”, 7µm
R3F100	30”, 10µm
R3F120	30”, 12µm
R3F1200	30”, 120µm
R3F150	30”, 15µm
R3F200	30”, 20µm
R3F300	30”, 30µm
R3F400	30”, 40µm
R3F700	30”, 70µm
R3F900	30”, 90µm
R4F005	40”, 0.5µm
R4F010	40”, 1µm
R4F030	40”, 3µm
R4F050	40”, 5µm
R4F100	40”, 10µm
R4F1200	40”, 120µm
R4F150	40”, 15µm
R4F200	40”, 20µm
R4F300	40”, 30µm
R4F400	40”, 40µm
R4F700	40”, 70µm
R4F900	40”, 90µm
RM1F005H21	10”, 0.5µm, EPDM Gasket
RM1F010H21	10”, 1µm, EPDM Gasket

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PROFILE® II (CONTINUED)

PART NUMBER	DESCRIPTION
RM1F030H21	10”, 3µm, EPDM Gasket
RM1F050H21	10”, 5µm, EPDM Gasket
RM1F070H21	10”, 7µm, EPDM Gasket
RM1F100H21	10”, 10µm, EPDM Gasket
RM1F1200H21	10”, 120µm, EPDM Gasket
RM1F120H21	10”, 12µm, EPDM Gasket
RM1F150H21	10”, 15µm, EPDM Gasket
RM1F200H21	10”, 20µm, EPDM Gasket
RM1F300H21	10”, 30µm, EPDM Gasket
RM1F400H21	10”, 40µm, EPDM Gasket
RM1F700H21	10”, 70µm, EPDM Gasket
RM1F900H21	10”, 90µm, EPDM Gasket
RM2F005H21	20”, 0.5µm, EPDM Gasket
RM2F010H21	20”, 1µm, EPDM Gasket
RM2F050H21	20”, 5µm, EPDM Gasket
RM2F100H21	20”, 10µm, EPDM Gasket
RM2F1200H21	20”, 120µm, EPDM Gasket
RM2F120H21	20”, 12µm, EPDM Gasket
RM2F150H21	20”, 15µm, EPDM Gasket
RM2F200H21	20”, 20µm, EPDM Gasket
RM2F300H21	20”, 30µm, EPDM Gasket
RM2F400H21	20”, 40µm, EPDM Gasket
RM2F700H21	20”, 70µm, EPDM Gasket
RM2F900H21	20”, 90µm, EPDM Gasket
RM3F005H21	30”, 0.5µm, EPDM Gasket
RM3F010H21	30”, 1µm, EPDM Gasket
RM3F050H21	30”, 5µm, EPDM Gasket
RM3F100H21	30”, 10µm, EPDM Gasket
RM3F1200H21	30”, 120µm, EPDM Gasket
RM3F120H21	30”, 12µm, EPDM Gasket
RM3F200H21	30”, 20µm, EPDM Gasket
RM3F300H21	30”, 30µm, EPDM Gasket
RM3F400H21	30”, 40µm, EPDM Gasket
RM3F700H21	30”, 70µm, EPDM Gasket
RM4F005H21	40”, 0.5µm, EPDM Gasket
RM4F030H21	40”, 3µm, EPDM Gasket
RM4F050H21	40”, 5µm, EPDM Gasket
RM4F100H21	40”, 10µm, EPDM Gasket
RM4F150H21	40”, 15µm, EPDM Gasket
RM4F200H21	40”, 20µm, EPDM Gasket
RM4F400H21	40”, 40µm, EPDM Gasket

PROFILE CORELESS FILTER ELEMENTS

PART NUMBER	DESCRIPTION
E602Y050	20”, 5µm, Polypropylene
E602Y100	20”, 10µm, Polypropylene
E602N100	20”, 10µm, Nylon
E602Y200	20”, 20µm, Polypropylene
E602N200	20”, 20µm, Nylon
E602Y400	20”, 40µm, Polypropylene
E602N400	20”, 40µm, Nylon
E604Y050	40”, 5µm, Polypropylene
E604Y100	40”, 10µm, Polypropylene
E604N100	40”, 10µm, Nylon
E604Y400	40”, 40µm, Polypropylene
E604N400	40”, 40µm, Nylon
E604Y400	40”, 40µm, Polypropylene
E604N400	40”, 40µm, Nylon
EHS602J	20” 316L Stainless Steel Support Core, Ethylene Propylene Rubber Seal
EHS602HB	20” 316L Stainless Steel Support Core, Fluorocarbon Elastomer Seal
EHS602H1	20” 316L Stainless Steel Support Core, FEP encapsulated Flurocarbon Elastomer Seal
EHS602H13	20” 316L Stainless Steel Support Core, Nitrile Seal
EHS604J	40” 316L Stainless Steel Support Core, Ethylene Propylene Rubber Seal
EHS604HB	40” 316L Stainless Steel Support Core, Fluorocarbon Elastomer Seal
EHS604H1	40” 316L Stainless Steel Support Core, FEP encapsulated Flurocarbon Elastomer Seal
EHS604H13	40” 316L Stainless Steel Support Core, Nitrile Seal

ULTIPLEAT® HIGH FLOW FILTERS

PART NUMBER	DESCRIPTION
HFU620UY020J	2µm, 20”, Ethylene Propylene O-ring
HFU620UY045J	4.5µm, 20”, Ethylene Propylene O-ring
HFU620UY100J	10µm, 20”, Ethylene Propylene O-ring
HFU620UY200J	20µm, 20”, Ethylene Propylene O-ring
HFU620UY400J	40µm, 20”, Ethylene Propylene O-ring
HFU620UY700J	70µm, 20”, Ethylene Propylene O-ring
HFU640UY020J	2µm, 40”, Ethylene Propylene O-ring
HFU640UY045J	4.5µm, 40”, Ethylene Propylene O-ring
HFU640UY100J	10µm, 40”, Ethylene Propylene O-ring
HFU640UY200J	20µm, 40”, Ethylene Propylene O-ring
HFU640UY400J	40µm, 40”, Ethylene Propylene O-ring
HFU640UY700J	70µm, 40”, Ethylene Propylene O-ring
HFU660UY020J	2µm, 60”, Ethylene Propylene O-ring
HFU660UY045J	4.5µm, 60”, Ethylene Propylene O-ring
HFU660UY100J	10µm, 60”, Ethylene Propylene O-ring
HFU660UY200J	20µm, 60”, Ethylene Propylene O-ring
HFU660UY400J	40µm, 60”, Ethylene Propylene O-ring
HFU660UY700J	70µm, 60”, Ethylene Propylene O-ring

VECTOR™ HIGH FLOW SERIES FILTER CARTRIDGES

PART NUMBER	DESCRIPTION
HFV640PP001PJ	1µm, 40”, Polypropylene, EPDM O-ring
HFV640PP005PH	5µm, 40”, Polypropylene, Fluoropolymer elastomer O-ring
HFV640PP010PH13	10µm, 40”, Polypropylene, Buna N O-ring
HFV660PP001PH	1µm, 60”, Polypropylene, Fluoropolymer elastomer O-ring
HFV660PP001PJ	1µm, 60”, Polypropylene, EPDM O-ring
HFV660PP005PH	5µm, 60”, Polypropylene, Fluoropolymer elastomer O-ring
HFV660PP005PJ	5µm, 60”, Polypropylene, EPDM O-ring
HFV660PP010PH	10µm, 60”, Polypropylene, Fluoropolymer elastomer O-ring
HFV660PP010PH13	10µm, 60”, Polypropylene, Buna N O-ring
HFV660PP025PH	25µm, 60”, Polypropylene, Fluoropolymer elastomer O-ring
HFV660PP050PH	50µm, 60”, Polypropylene, Fluoropolymer elastomer O-ring
HFV660PP050PH13	50µm, 60”, Polypropylene, Buna N O-ring
HFV660PP100PH13	100µm, 60”, Polypropylene, Buna N O-ring

This concludes our product catalogue.

For more information, or to order any of the products in this document, please contact a Pall Water representative.

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