

Home Water Treatment Solutions

**Water quality. It's important to your family.**





While the quality of water sources varies considerably worldwide, people's expectations don't. Like every homeowner, you want to know that the water you use at home is the best quality available—that it tastes good and is safe for drinking, cooking, bathing, and cleaning. Unfortunately in today's world, drinking water may contain a broad range of impurities and contaminants, depending on the source of the water supply and the quality of water treatment provided. DuPont Water Solutions is helping to meet the growing demand for purifying water in homes around the world.

A variety of contaminants can affect water quality.

These include naturally occurring contaminants such as arsenic, radium, and uranium; fertilizer, pesticides, and fungicides used in agriculture; and organic solvents and trace pharmaceuticals.

Along with water-borne diseases, some of these contaminants can lead to health risks. Common impurities such as calcium, magnesium, and iron can also result in significant household maintenance problems.

With more than 30 years of experience in water treatment and a proven

track record of performance and reliability, DuPont has become a preferred supplier to companies that design, build, service, and distribute home water treatment systems—and a name homeowners count on when it comes to water quality for their families. DuPont Water Solutions has become synonymous with quality in water treatment technology for point-of-use (POU) and point-of-entry (POE) solutions in the home. You can trust water treatment systems that use genuine products from DuPont.

## DuPont Innovations

### TapTec™

Balance of high flow and rejection with consistent performance and longer element life:

- DuPont™ TapTec™ Plus HF



### FilmTec™

Longer element life, premium system recovery, and excellent antiscaling performance:

- FilmTec™ Aqualast™ 1812-HR

Durable with proven performance and low feed pressure:

- FilmTec™ BW60-1812-75





## We all want clean drinking water.

But the truth is, tap water isn't always as clean as it should be and may contain any number of different contaminants. There is an easy solution, however. To ensure the water you drink and cook with is the best quality possible, filter your tap water. Studies show that reverse osmosis (RO) is among the most effective technologies for removing PFCs, trace pharmaceuticals, and disease-causing bacteria and viruses from drinking water.<sup>1</sup> FilmTec™ & DuPont™ TapTec™ RO Elements allow you to enjoy water that's safer to drink and cook with—and that also has a better taste, similar to bottled water. These RO components are becoming essential to many POU home water treatment systems, including under-the-sink and countertop units, offering you a convenient, affordable, and very reliable water purification alternative.



## A difference you can feel.

Hard water—water that contains significant quantities of dissolved minerals like calcium and magnesium—can have many adverse effects in the home and end up costing you more money in the long run. Clothing washed in hard water tends to look dingy. Dishes are left with spots and residue. And bath soap doesn't work as well either, due to its reaction to the minerals in the hard water, so you need to use more of it. Even hair washed in hard water can feel sticky and look dull. Hard water build-up can take a toll on household appliances too—they don't last as long and consume more energy.<sup>2</sup> There is an effective way to address the problem of hard water in your home, however, through POE water softening systems that contain ion exchange resins. These resins are also the heart of POU cartridges designed to purify water for drinking purposes.



## The water treatment solutions you need.

Since the quality and the nature of water sources vary in different parts of the world, no one water treatment solution is right for every home. That's why DuPont Water Solutions offers a broad range of products to address a variety of water purity issues and why we're continually innovating to help ensure the most effective water treatment options possible.

DuPont Water Solutions' selective media, for example, offer a reliable and flexible approach to a variety of specific water quality issues—from dealkalinizing tap water to improving the taste of beverages to removing unsafe contaminants like arsenic and perchlorates. They can be used in POU systems as a targeted approach to address only those contaminants you're concerned about—or for whole-house applications, when you need to treat all of the water your family uses.



1. Olsen, P., Paulson, D., Water Science & Marketing, LLC. "Performance Evaluation: Removal of Perfluorochemicals with Point-of-Use Water Treatment Devices," Report prepared for the State of Minnesota, Minnesota Department of Health (May 2008), 1-140.
2. Paul, D. D., Gadkari, V.V., Evers, D.P., Goshe, M.E., and Thornton, D.A., Battelle Memorial Institute. "Final Report Study on Benefits of Removal of Water Hardness (Calcium and Magnesium Ions) From a Water Supply", Prepared for Water Quality Association (February 2010), 51-151



## Water Solutions

**Have a question?**

**Contact us at:**

**[dupont.com/water/contact-us](https://www.dupont.com/water/contact-us)**

No freedom from infringement of any patent or trademark owned by DuPont or others is to be inferred. Because use conditions and applicable laws may differ from one location to another and may change with time, Customer is responsible for determining whether products and the information in this document are appropriate for Customer's use and for ensuring that Customer's workplace and disposal practices are in compliance with applicable laws and other government enactments. The product shown in this literature may not be available for sale and/or available in all geographies where DuPont is represented. The claims made may not have been approved for use in all countries. DuPont assumes no obligation or liability for the information in this document. References to "DuPont" or the "Company" mean the DuPont legal entity selling the products to Customer unless otherwise expressly noted. NO WARRANTIES ARE GIVEN; ALL IMPLIED WARRANTIES OF MERCHANTABILITY OR FITNESS FOR A PARTICULAR PURPOSE ARE EXPRESSLY EXCLUDED.

The DuPont Oval Logo and DuPont™ are trademarks of DuPont de Nemours, Inc. or its affiliates. Copyright © 2021 DuPont.