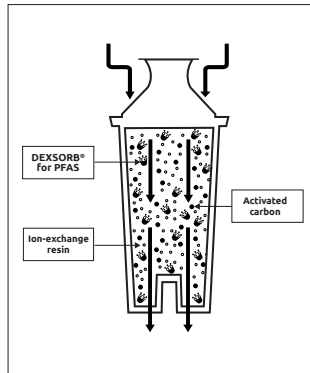


DEXSORB Filtration System

DEXSORB is a novel adsorbent made with renewable cyclodextrins and designed for use in various treatment formats for the removal of PFAS (per- and polyfluoroalkyl substances) in diverse water systems. The Purefast Countertop Filter uses DEXSORB to provide PFAS removal in a replaceable cartridge that is compatible with Brita Countertop Pitchers.



Performance Data Sheet

Cyclopure internal testing demonstrates reduction of 11 PFAS (PFOA, PFOS, PFHxA, PFHxS, PFNA, PFDA, PFHpA, PFPeA, PFBS, PFBA, HFPO-DA (GenX)) to non-detect for 65 Gallons capacity based on influent concentration of 40 ppt per PFAS.



Substance	Effluent concentration	Influent challenge concentration	NSF % Reduction Requirement
NSF Standard 42- Aesthetic Effects			
Chlorine (Taste & Odor)	Non-Detect	2 (mg/L)	>50%
NSF Standard 53- Health Effects (PFAS Micropollutants)			
PFOA	Non-Detect	500 (ng/L)	Combined concentration 70 ng/L
PFOS	Non-Detect	1000 (ng/L)	




The Purefast filter is tested and certified by NSF International against NSF/ANSI Standard 42 for material requirements only.


Purefast Filter Packaging


1. Take filter from box and remove moisture-retaining wrapping. You may notice some moisture in the wrap. This is normal. We pre-wet filters to simplify filter conditioning.
2. Purefast uses a granular mixture of three adsorbents: DEXSORB, Activated Carbon and Ion Exchange Resin. The media mixture is visible through the bottom screen structures of the filter.


Filter Pre-Use Conditioning

Please follow easy 5-minute conditioning process. This will ensure smooth filtration and fresh tasting PFAS-free water:

- Step 1.**


Run small streams of tap water through the top of the filter for 15 seconds. Turn the filter upside down and allow water to flow through each bottom screen for 15 seconds – a total of 60 seconds.
- Step 2.**


Fill your pitcher with water and hold the filter under water. Gently shake and tap the filter against the interior wall of the pitcher to fully wet the media for about 2 to 3 minutes, or until you no longer see air bubbles coming out of the filter.
- Step 3.**


Insert the filter into the pitcher reservoir by lining up the groove in the filter with the notch in the reservoir (if applicable). Gently press the filter down to secure the filter in the reservoir.
- Step 4.**


Before use, fill the reservoir with tap water and discard the filtered water. For best results, avoid pouring tap water directly on top of the filter. Repeat this step two or three times.

Gravity Filter Hydraulics

For the best hydraulic performance, it is recommended to recondition the filter every 30 days. Larger households and those using the Ultramax pitcher model may need to recondition the filter every 2 weeks. To recondition, remove the filter and shake gently before following conditioning steps 1-3 (above). Note that air bubbles in tap water can slow down filtration. If there is a large amount of air bubbles in your tap water, allowing water to sit for 30 seconds in a separate container before filling pitcher can improve filter hydraulics.

Sustainable Disposal

Sustainability is a top priority at Cyclopure. Purefast will do the work to achieve ZERO PFAS in your drinking water. If you return your used filter to us, we will ensure that ZERO PFAS waste goes to the environment. Each Purefast filter comes with a pre-paid mailer to return used cartridges to our lab for safe disposal. When the filter is fully used, place the spent cartridge in the mailer, seal it, and drop off the package at the post office to return. Postage is already paid!