

IEX SOLUTIONS

Treating Drinking Water for PFAS



Purofine® PFA694E

Tackle PFAS contamination before it's a big problem for your treatment plant.

Purofine PFA694E is a specially developed ion exchange resin with high selectivity for poly- and perfluoroalkyl substances (PFAS) such as PFOA and PFOS. The resin effectively removes contamination and makes public drinking water cleaner and safer.

- 5 to 10 times more capacity for short- & long-chain contaminants than granular activated carbon (GAC)
- Shorter contact time; 1.5–3 mins. vs. 10–13 mins. for GAC
- Reduced analytical costs
- For use as a primary removal or polishing system
- Compliant with:–21 CFR §173.25–NSF ANSI 61

Purofine PFA694E is a proprietary resin with the dual removal mechanisms of ion exchange and adsorption technology built into each bead for maximum uptake of PFAS. Water treated with this resin will consistently achieve non-detectable levels of both short- and long-chain PFAS – including PFOA and PFOS – that are well below the current Health Advisory recommendations set by the US Environmental Protection Agency and state regulations.

Extensive laboratory and pilot testing conducted by universities in both the United States and Europe has proven the effectiveness of Purofine PFA694E technology for highly effective contaminant removal, ensuring that your system will remain in compliance year after year.

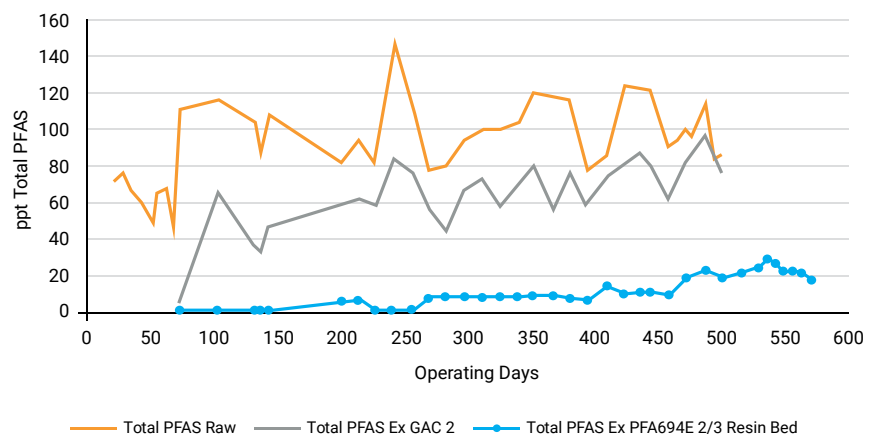
Purofine PFA694E is a robust resin that operates efficiently at higher linear velocities and with shorter contact times than carbon. This translates to lower capital costs for municipal and community water treatment systems as resin has a longer in-service life, requires a smaller system footprint and headspace and needs less media installed to achieve superior results.

Purofine PFA694E Resin Performance vs. Granular Activated Carbon

With higher capacity and longer in-service life, Purofine PFA694E removes more PFAS over a longer period of time before requiring a change-out of the media.

This saves you time and money while enabling you to provide cleaner, safer water to your customers.

Total PFAS Removal Bituminous GAC vs. PFA694E resin





Algeria
Australia
Bahrain
Brazil
Canada
China
Czech Republic
France
Germany

India
Indonesia
Israel
Italy
Japan
Jordan
Kazakhstan
Korea
Malaysia

Mexico
Morocco
New Zealand
Poland
Romania
Russia
Singapore
Slovak Republic
South Africa

Spain
Taiwan
Tunisia
Türkiye
UK
Ukraine
USA
Uzbekistan



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Purolite, the leading manufacturer of quality ion exchange, catalyst, adsorbent and specialty high-performance resins, is the only company that focuses 100% of its resources on the development and production of resin technology.

We're ready to solve your process challenges. For further information on Purolite products and services, visit www.purolite.com or contact your nearest Technical Sales Office.



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