Trilateral HDPE

Plastic Underdrain



The Roberts Filter Group's Trilateral plastic underdrains incorporate innovative hydraulic design to uniquely guarantee balanced flow backwash distribution. Drawing on more than 125 years of industry expertise, the triangular internal chamber is engineered to optimize air scour capabilities in any conditions, without the need for custom design. And because Roberts can simulate any system's characteristics at our own manufacturing and testing facility, you can trust your installation will perform even before it's shipped.



Manage Filter Backwash

During a filter backwash cycle, the internal structure must efficiently balance air and water, regardless of changing flow rates or seasonal water temperature fluctuations. If not, conventional filter backwash cycles will be ineffective, maldistribution of water will lead to poor washing, and your system's effectiveness will be undermined.





Affordable Solution

Roberts many years of experience with designing and producing new products, affords Roberts to be a leader in the industry. Although not being the first to introduce Trilateral, at Roberts, we study, evaluate, and Improve where we see a product lacking the final designs to make the product reliable

Reliable

Combined with a reinforced porous plate and long-lasting material, the Trilateral underdrain is the industry's most reliable and economical solution.





Roberts Filter Group

The Roberts Filter Group is the largest family-owned water filtration company in the U.S. with more than 4,400 installations across six continents. It is a fifth-generation operation that began with one of the world's first patented water filters and has continued to develop pioneering, high-quality filtration products ever since. Today, Roberts continues to work with some of the smartest companies and engineers on the planet to answer the industry's demand for customized, flexible solutions and efficient operations.



For any inquiries, questions or commendations, please call our office or fill out the 'contact us' form on our website.



info@robertsfilter.com

Tel: +1-610-583-3131

www.robertsfilter.com

