

# PFAS REMEDICATION

## ULTRA-HIGH MOLECULAR WEIGHT HIGH DENSITY POLYETHYLENE SEATS

Initiatives detecting and remediation of widely used long-lasting chemicals, PFAS (PFOS & PFOA) have significantly grown with focus on removing components that could introduce these chemicals into potable systems and the environment. Supporting these efforts, Hayward is proud to introduce a new option for our TBH Series thermoplastic ball valves, UHMWHDPE seats.



# HOW HAYWARD CAN SUPPORT YOUR PFAS REMEDIATION EFFORTS:



## PFAS (PFOS & PFOA) OVERVIEW

Per- and polyfluoroalkyl substances (PFAS) are chemicals widely used and break down very slowly over time. Due to their widespread use, PFAS have been found in animals including humans, water, air, fish and soil across the globe. <sup>1</sup>Scientific studies have shown that exposure to some PFAS in the environment may be linked to harmful health affects of humans and animals.

## DETECTION & REMEDIATION

Municipalities, water treatment facilities and potable water production plants across the globe have voiced concern and begun to deploy remediation initiatives to reduce or remove all PFAS contaminants in their systems. In-step with these efforts, Hayward is proud to introduce the first thermoplastic ball valve free of any PTFE or PFAS components and lubricants. Some forms of PTFE have been shown to produce false-positives in PFAS-detection systems.

<sup>1</sup>United States Environmental Protection Agency. "PFAS Explained." www.epa.gov. April 10, 2023.



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## UHMWHDPE EXPLAINED

UHMWHDPE - Ultra-High Molecular Weight High Density Polyethylene has been used for many years as an alternative to PTFE. UHMWHDPE offers increased toughness, impact & crack resistance, excellent abrasion resistance and good chemical resistance, all of which are ideal for use in valve seats.

## TBH SERIES TRUE UNION BALL VALVES FOR PFAS REMEDIATION

- Available in 1/4" to 2" / DN8 to DN50 in PVC or CPVC
- Offered in FPM or EPDM Seals
- Reversible UHMWHDPE Seats
- No PTFE or Related Lubricants Used in Assembly Process
- Non-toxic or Leaching
- Global 3-Year Warranty
- Made in the USA!

Contact Hayward Flow Control with questions:

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