

## PFAS - Legislation and how this will impact Titan Enterprises' Products

This statement pertains to our interpretation of the legislation currently in review with reference to PFAS and how Titan Enterprises is incorporating future-proof actions to ensure the continued viability of its products and support for our customers.

Ongoing legislation to restrict harmful “forever chemicals” in the environment has been increasingly applied in the last few years and new EU legislation is due to be clarified in 2026.

Specifically, the use of any PFAS (Per- and poly-fluoroalkyl substances) is being reviewed. The OECD has broadened this definition for PFAS as fluorinated substances that contain at least one fully fluorinated methyl (-CF<sub>3</sub>) or methylene (-CF<sub>2</sub>-) carbon atom. This definition encompasses a significant number of industrial chemical products, including fluorinated polymers.

### How this applies to Titan Enterprises

Specifically for Titan, it covers all products containing fluorinated polymer components, including:

- Mini-turbine Housing: The Beverage meter, 800, 900 and 1000 Series flowmeters are all offered in Kynar<sup>®</sup>720 PVDF (Polyvinylidene fluoride).
- Seals: Viton<sup>™</sup>, PTFE and Kalrez<sup>®</sup>.
- Fittings: PVDF (Polyvinylidene fluoride) e.g. FT2 fittings.
- Metraflow: For ultrapure water, this meter is manufactured with a single unbroken PFA (PerFluoroAlkoxy) tube.

### Addressing the status at Titan Enterprises

- Mini-turbines as standard are manufactured in (NSF/FDA) food equipment approved Kynar<sup>®</sup>720, a PVDF grade manufactured by Arkema.
  - Through extensive research and development activities, Arkema has developed an innovative patented technology to produce PVDF fluoropolymers without the use of PFAS fluoro-surfactants, using only non-fluorinated surfactants. As such, the material and manufacture do not include any PFOA/PFOS chemicals.
  - Arkema has stated in consultation that Kynar<sup>®</sup> PVDF fluoropolymers are considered not to pose risks to human health, have a favourable (eco)toxicological profile, and meet the criteria discussed by the OECD for characterising polymers of low concern.
  - At this time Arkema have recommended to the review committee that fluoropolymers produced without PFAS polymerisation aids should be exempted from the legislation review.

- More details can be found at: [PFAS - Arkema comments on the UE restriction proposal | Arkema Global](#)
- Seals: alternative seals for all our products are offered, including Silicone, Nitrile and EPDM.
- Fittings: alternative fittings for our products are offered, including Brass, Stainless Steel and PVC.
- Metraflow: Due to the specialised nature of the markets this meter is used in, there is currently no plan to change the materials of construction.

## Consideration of material alternatives

Fluoropolymer seals and fittings can be exchanged, where practicable, for an alternative polymer material.

Mini-turbine alternate material testing is underway, so we can offer fully approved materials for our customers as required / requested. We expect the following materials to be fully tested and released as a standard product option in 2026. These materials are NSF and/or FDA/EU food contact approved materials, and more material options may follow.

Current material options being tested are:

1. Acetal Copolymer:
  - a. Hostaform C9021
  - b. Hostaform MR130ACS
2. Polypropylene
  - a. SABIC® PP 83MF10

## Review and Accountability

As the situation clarifies, Titan Enterprises will continue to monitor the legislative requirements and investigate alternative materials to ensure our customers maintain operational continuity with little to no inconvenience.

Titan Enterprises is dedicated to maintaining transparency in its legislative compliance and will communicate progress to stakeholders as part of our corporate responsibility.

Any product or materials enquiries pertaining to PFAS can be directed to [technical@flowmeters.co.uk](mailto:technical@flowmeters.co.uk).

Kathryn Thomas  
Company & Finance Director  
Titan Enterprises Limited  
Date: 25/02/2026