

Not All PFAS Are the Same

Why Fluoropolymers and F-gases Are Viable, Safe, and Critical Chemistries



PFAS (per- and polyfluoroalkyl substances) are a large and diverse family of chemistries that contain carbon-fluorine bonds, the strongest chemical bonds in organic chemistry. Fluoropolymers, a specific class of PFAS, possess a unique and vital combination of properties, including:



ENERGY EFFICIENCY



FIRE RESISTANCE



THERMAL AND CHEMICAL STABILITY



EXCELLENT DIELECTRIC PROPERTIES

Depending on whom you ask, PFAS can include up to

10,000

different substances.

But not all PFAS are the same.

In the same way crude oil and olive oil are wildly different in their use and impacts ...



... PFAS vary greatly in their risks to the environment and human health.

Fluoropolymer and F-gas Safety

Fluoropolymers are safe for their intended use and don't pose a risk to human health or the environment.

- ✓ Don't degrade into other PFAS
- ✓ Stable in the environment
- ✓ Fluoropolymers meet the OECD's criteria for "polymers of low concern"
- ✓ Can't enter the human bloodstream or accumulate in the body

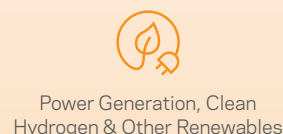
F-gases Have been through rigorous regulatory approval in the EU, US, and around the world.



Deemed safe for their intended use throughout **their entire lifecycle.**



Fluorinated chemistries are vital to:

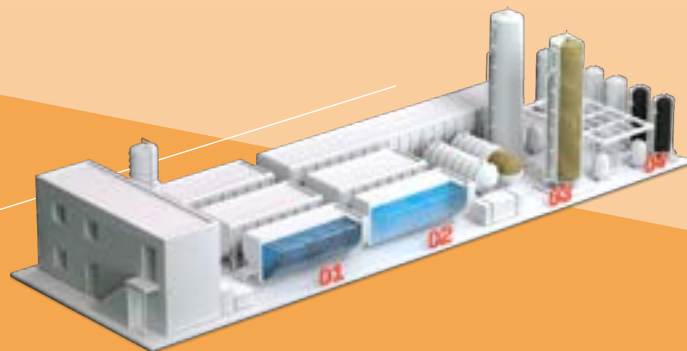


Our Commitment:

We have pledged to eliminate at least **99%** of fluorinated organic compound air and water emissions from our manufacturing processes by **2030**

Our commitment to responsible chemistry will ensure that fluoropolymers and F-gases can continue to power our daily lives, the industries that depend on them, and the clean energy future we all deserve.

State-of-the-art abatement and recycling technologies



To learn more about our PFAS stewardship commitment, visit

www.pfasadvocacy.com

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