



FLUOROPOLYMER
RESOURCES

PROVEN IN PERFORMANCE™

Sustainable Recovery & Reprocessing Solutions for End-of-Life Fluoropolymers

RECOVER MORE. WASTE LESS. EXTEND MATERIAL LIFE.

Transforming end-of-life (EOL) fluoropolymer components into viable reuse through proven recovery, reprocessing, and circular material solutions.

THE CHALLENGE

The End-of-Life Gap

Across semiconductor, chemical processing, and industrial manufacturing environments, fluoropolymer components are routinely removed from service due to maintenance schedules, upgrades, process changes, and facility expansions.

Yet most retired fluoropolymer materials never re-enter the global supply chain.

Instead, PFA, ETFE, FEP, and PVDF materials are commonly landfilled or incinerated rather than being recovered and reprocessed into stable, reusable raw materials.

For organizations focused on environmental responsibility, sustainability reporting, and waste reduction, end-of-life management has become an increasingly important operational consideration.

FRL helps bridge that gap.

"The circular economy starts when companies treat collection and reclamation as core business capabilities, not afterthoughts."

PROVEN IN PERFORMANCE™

Even at End-of-Life

At FRL, performance isn't a claim. It's engineered into every step and proven where it matters most.

That philosophy extends beyond manufacturing and material supply into the recovery and responsible disposition of end-of-life fluoropolymer components.

By combining technical expertise, disciplined processes, proprietary technologies, established outlets, and project management support, FRL helps organizations recover more material, reduce environmental impact, and create measurable sustainability outcomes.

Proven Process

Structured recovery programs designed to simplify collection, handling, logistics, recycling, and market placement.

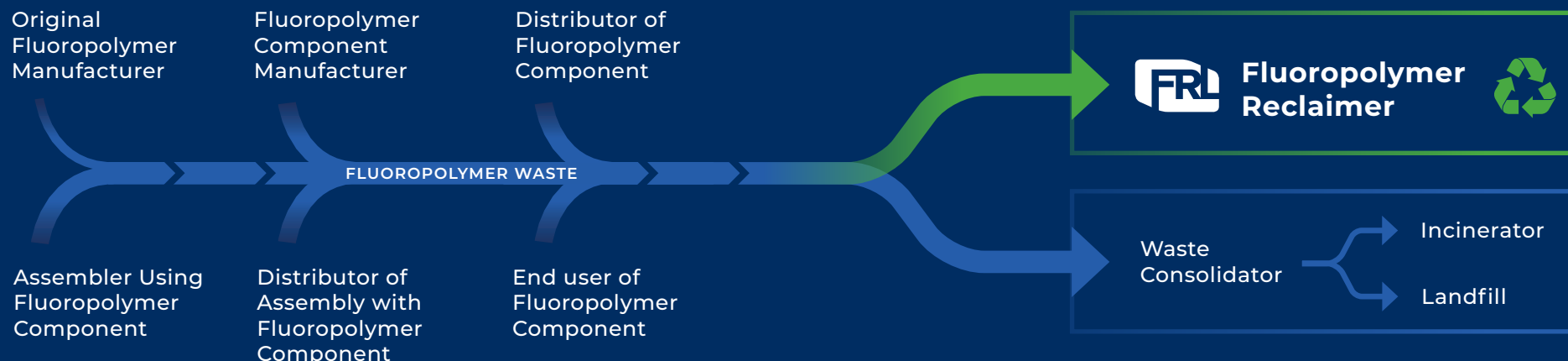
Proven Predictability

Detailed recovery reporting, and documented material disposition.

Proven Pipeline

A circular material lifecycle that helps keep sustainable fluoropolymers in productive use.

CLOSING THE FLUOROPOLYMER LOOP



ART™ TECHNOLOGY

Proven Process

At the center of FRL's recovery capabilities is ART™, our proprietary Advanced Restructuring Technology.

ART™ enables FRL to reconstitute highly contaminated fluoropolymer materials that traditional recycling cannot recover.

The result is a sustainable path forward for end-of-life fluoropolymer components that would otherwise be lost.

*"Performance engineered
beyond first use."*

**Proprietary Technology.
Proven Outcomes.**



Ground, Untreated
Material

FRL ART™
PROCESS



Pelletized, Treated
Material

FROM DEINSTALLATION TO DISPOSITION

A Proven Process for End-of-Life Recovery

Whether managing a single replacement project or a large-scale facility decommissioning effort, FRL provides a structured and repeatable process designed to reduce complexity and support responsible material recovery.

1

Identify

Qualifying end-of-life fluoropolymer components.

2

Coordinate

Collection, logistics, shipping, and project planning.

3

Catalog

Detailed inventories, weights, and material tracking.

4

Recover

Decontamination and proprietary material reprocessing.

5

Report

Documented disposition and sustainability reporting.

6

Reuse

Recovered materials re-enter the supply chain as clean, stable pellets.

THE CIRCULAR ECONOMY



PROJECT MANAGEMENT EXPERTISE

Proven Predictability

EOL projects require more than transportation and processing.

They require coordination, communication, accountability, and technical expertise.

FRL assigns dedicated project management resources to support every phase of the recovery process.

From on-site planning and material segregation recommendations to logistics coordination and reporting, we help ensure projects stay organized, efficient, and aligned with operational objectives.

THE BENEFITS OF RECOVERY

More Than Sustainability

Responsible end-of-life management delivers benefits that extend well beyond waste reduction.



Demonstrate environmental responsibility without compromising operational priorities.



Receive detailed reporting and material disposition documentation.



Support circular-economy initiatives and long-term material sustainability.



Realize savings compared with historically costly disposal streams.



YOUR PARTNER FOR PROVEN END-OF-LIFE PERFORMANCE

FRL helps manufacturers, facility operators, and project teams responsibly manage end-of-life fluoropolymer components while supporting sustainability initiatives, reducing waste, and preserving material viability.

Because performance doesn't stop when a component reaches the end of its service life.



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