

# FGI Member Spotlight

June 2026



## Cooley/Group

A Michelin Group Company

### Engineered Flexible Geomembranes for Critical Containment Applications

As Cooley Group celebrates its 100<sup>th</sup> anniversary in 2026, the company continues a century-long legacy of engineering materials designed to protect critical infrastructure, safeguard natural resources, and perform in demanding containment environments across critical applications.

Headquartered in Pawtucket, Rhode Island, Cooley Group designs, develops, and manufactures high-performance coated technical textiles and geomembranes for critical applications across multiple markets.

Within that broader platform, Cooley Containment Solutions is dedicated to **flexible geomembrane technologies** used in primary and secondary containment systems for water, wastewater, fuel, chemical, crude oil, agricultural, military, industrial and government applications.

Cooley's containment portfolio supports both permanent and deployable systems, including liners, covers, baffles, bladders, flexible tanks, secondary containment systems, and large-scale potable water reservoirs. These applications require materials that balance strength, flexibility, chemical resistance, weldability, durability, and long-term field performance.

A key differentiator for Cooley is its vertically integrated manufacturing model. Cooley combines product design, formulation, technical textile capability, extrusion coating, quality testing, and application support within a single organization. This integrated approach allows Cooley to align polymer selection, reinforcement architecture, manufacturing processes, and performance requirements to the demands of the application rather than limiting projects to a single material platform.



*Flexible geomembrane technologies supporting critical containment infrastructure*

Cooley's extrusion coating technology is engineered to create durable fabric-to-polymer bonding without the use of solvent-based adhesives. This process supports durable reinforced geomembranes, reliable field welding, and manufacturing practices designed to reduce VOCs and odors. Cooley manufactures geomembranes in a broad range of polymers, constructions, widths, and thicknesses, including reinforced polyethylene, reinforced polypropylene, EIA/PVC, thermoplastic polyurethane, and PVDF-based solutions, supporting applications ranging from highly deployable systems to long-term infrastructure assets.

The **Containment Solutions portfolio** includes reinforced **CoolTect®** R-LLDPE, **CoolPro®** R-PP, **CoolGuard®** R-EIA, **CoolGuard Oasis®** HP R-EIA, **CoolThane®** R-PU, and **CoolShield®** PVDF. This portfolio breadth enables engineers, owners, fabricators, and installers to align material selection with application requirements, whether the priority is potable water approval, chemical resistance, low-temperature flexibility, abrasion resistance, deployability, flame resistance, or other specialty performance requirements.



*Vertically integrated technical textile manufacturing and extrusion coating*



*Flexible geomembranes for critical containment applications*



*Engineered materials designed for fabrication, deployment, and field performance*

## QUALITY & COMPLIANCE

- **ISO 9001** and **ISO 14001** Certified
- **GAI-LAP** Accredited Laboratories
- Products designed to support potable water, industrial, infrastructure, and government applications
- Products supporting project requirements associated with **UL, AS/NZS 4020, and ANSI/NSF Standard 61**
- Materials supporting applications with domestic sourcing and regulatory requirements, including Made in America, **Buy American/Build American**, and **Berry Amendment** programs

Cooley's commitment to sustainability is reflected in both its manufacturing process and product lifecycle philosophy. Through its "We Make It, We Take It Back" initiative, Cooley supports circular material strategies by creating pathways for eligible products to be reclaimed and repurposed at the end of their useful life.

Cooley is proud to be part of the **Flexible Geomembrane Institute** and to support its mission of advancing education, technical understanding, and responsible use of flexible geomembrane technologies. Cooley was a founding member when the PGI evolved into the FGI. **Ray Peebles**, Global Product and Market Manager for Cooley Containment Solutions, has served FGI Board of Directors and in leadership roles, including Vice President and Treasurer. Cooley values the Institute's role in bringing together manufacturers, fabricators, installers, engineers, regulators, and end users to advance the technical understanding, performance, and responsible application of flexible geomembrane technologies.

For 100 years, Cooley has developed materials for demanding environments. Through Cooley Containment Solutions, that legacy continues by helping protect critical infrastructure, preserve natural resources, and support the long-term performance of containment systems around the world. That commitment continues to guide Cooley's investment in innovation, manufacturing capability, and long-term partnerships across the containment industry.

**Headquarters:** 350 Esten Avenue, Pawtucket, RI 02860

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**Additional manufacturing locations:** Lancaster, South Carolina and Mount Forest, Ontario, Canada

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