

COOLPRO®

Coolpro polypropylene geomembranes excel under some of the most demanding conditions on earth. Coolpro meets and exceeds the critical challenges of liquid containment and pollution control.

Scrim-reinforced Coolpro liners are lightweight, allowing the flexibility to fabricate very large panels while minimizing field seaming. Compared to other synthetic geomembranes, this advantage leads to significant quality and cost benefits.

Coolpro is flexible and not prone to environmental stress cracking like some other materials such as HDPE. It does not have plasticizers which can leach and cause cracking. Coolpro also contours better to ground slopes and matches up for easy welding.

Coolpro's reinforcement allows for very high mechanical properties such as tear and puncture in easier to handle thinner gauges versus other materials.

Coolpro is offered from 20 mils to 100 mils in black, tan and white, with custom colors available. Coolpro is also offered in an unreinforced option.

Coolpro is used worldwide in these typical applications:

- Agricultural pits and ponds
- Animal drinking water tanks and ponds
- Aquaculture
- Baffle curtains
- Biogas collection
- Decorative ponds
- Erosion control and soil stabilization
- Evaporation ponds
- Floating covers
- Golf course ponds
- Industrial leachate and collection ponds
- Industrial water containment
- Irrigation ponds
- Mining applications
- Municipal reservoirs
- Potable water reservoirs
- Potable water tank liners
- Storm water retention ponds and basins
- Tunnel liners
- Waste matter liners



Cooley takes an integrated approach to engineering and production. In fact, Cooley developed the extrusion process for the application of polymers to its fabrics. The unique screw designs, heat and cooling zones, customized dies and computerized controls were designed by our own engineering staff and fine tuned by our experienced operators.

Cooley optimized our high-capacity polypropylene geomembrane manufacturing from top to bottom. At Cooley, you'll find computer-controlled mixing and extruding processes and complete fabric manufacturing operations, all under the watchful eye of statistical QA/OC and SPC systems, ensuring the highest quality polypropylene products.

Coolpro offers the following outstanding benefits:

- Flexibility
- Puncture resistance
- Chemical resistance
- Dimensional stability
- Seaming characteristics
- Plasticizer and chlorine free
- Heat weldability
- Tear and tensile strength
- UV and ozone resistance
- Does not crack under environmental stress
- Resistance to most acids, liquids, solid wastes, waste water and industrial chemicals
- Potable and industrial grade membranes
- Warranties available



Cooley offers NSF 61 approved, (National Sanitation Foundation Standard for potable water), versions of CoolPro™, Coolguard® and CoolThane®.

The Cooley group offers the widest range of geomembranes available, including Coolthane® urethanes, Coolguard® with Elvaloy®, Coolpro™ polypropylenes, polyvinyl chloride (PVC) and thermoplastic polyurethane (TPU).

Elvaloy® is a registered trademark of DuPont. Coolpro, Coolthane and Coolguard are trademarks of the Cooley Group.