

Smooth Liner®

THE MATERIAL OF CHOICE
FOR CONTAINMENT
APPLICATIONS





The Plastics Experts.

AGRU geosynthetic liners are manufactured with only the highest-grade polyethylene resins using the calendared flat-die extrusion process. This manufacturing technique allows for coextruded liners with multiple features such as surface textures and secondary properties. The benefit of this process is liner with consistent textures, stud and spike heights, thickness, and an array of secondary features without compromising liner integrity.

The AGRU success story has been unfolding for seven decades. Founded in 1948 by Alois Gruber, who set the company on the course for plastic manufacturing, AGRU has become one of the world's most important single-source suppliers for piping systems, semi-finished products, concrete protection liners, and lining systems made from engineered plastics. We use only top-grade thermoplastic polymers as our raw materials. When it comes to application-technical consulting, we are your best partner in the field.



Quality

Customer satisfaction comes first at AGRU. Technical consultations are an essential component of our customer service. The AGRU quality assurance system is compliant with multiple international standards and AGRU's procedures help ensure that products meet or exceed international standards, on an ongoing basis.

Meet and Exceed Industry Standards

AGRU America's Smooth Liner is an industry-leading geomembrane that provides an impermeable barrier against fluids. Ideal for containment applications and landfill caps and closures, Smooth Liner is a reliable, essential geomembrane with more than 20 years of proven performance.

Smooth Liner is both tough and flexible. It can be manufactured with high-quality high-density polyethylene (HDPE) or linear low-density polyethylene (LLDPE), providing varied specification values. The chemically resistant material provides consistent thickness and delivers optimum weld speed and weld quality in the field.

Smooth Liner meets and exceeds GRI GM13/17 test values. The frequency of testing, test methods, and test requirements are established by the environmental waste containment and civil engineering communities. All AGRU Smooth Liner material is rolled on 23' wide plastic cores to ensure ease of installation while also eliminating the problem of collapsed cores.





Product Properties

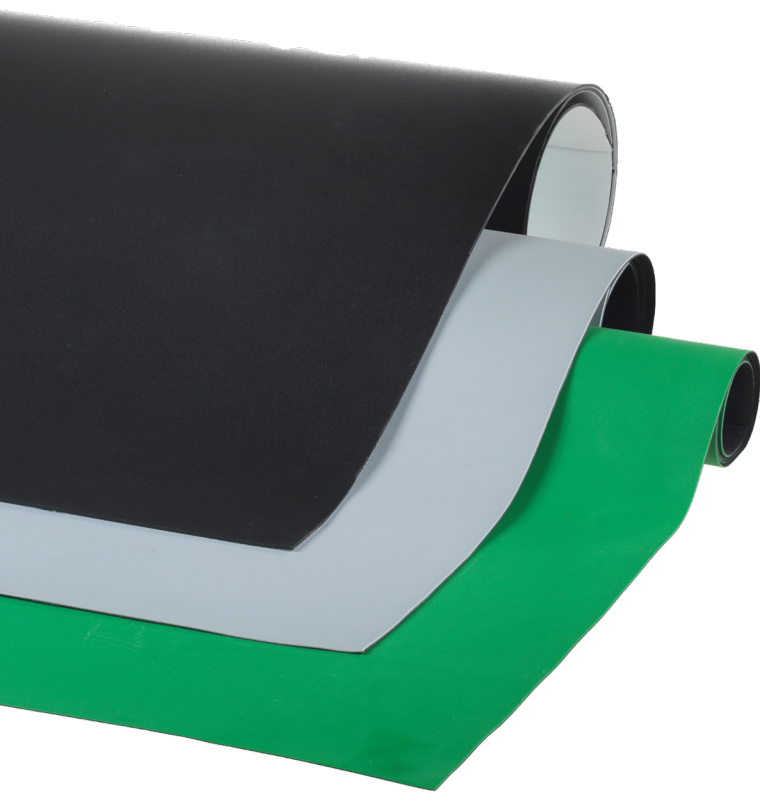
HDPE Product Supply Range

- Available in thicknesses of 30-100 mils
- Available in a black, white, and green
- Can be coextruded with a conductive layer.

LLDPE Product Supply Range

- Available in thicknesses of 40-100 mils
- Available in black, white, and green
- Can be coextruded with a conductive layer.





Fully Customized, Coextruded Smooth Liner

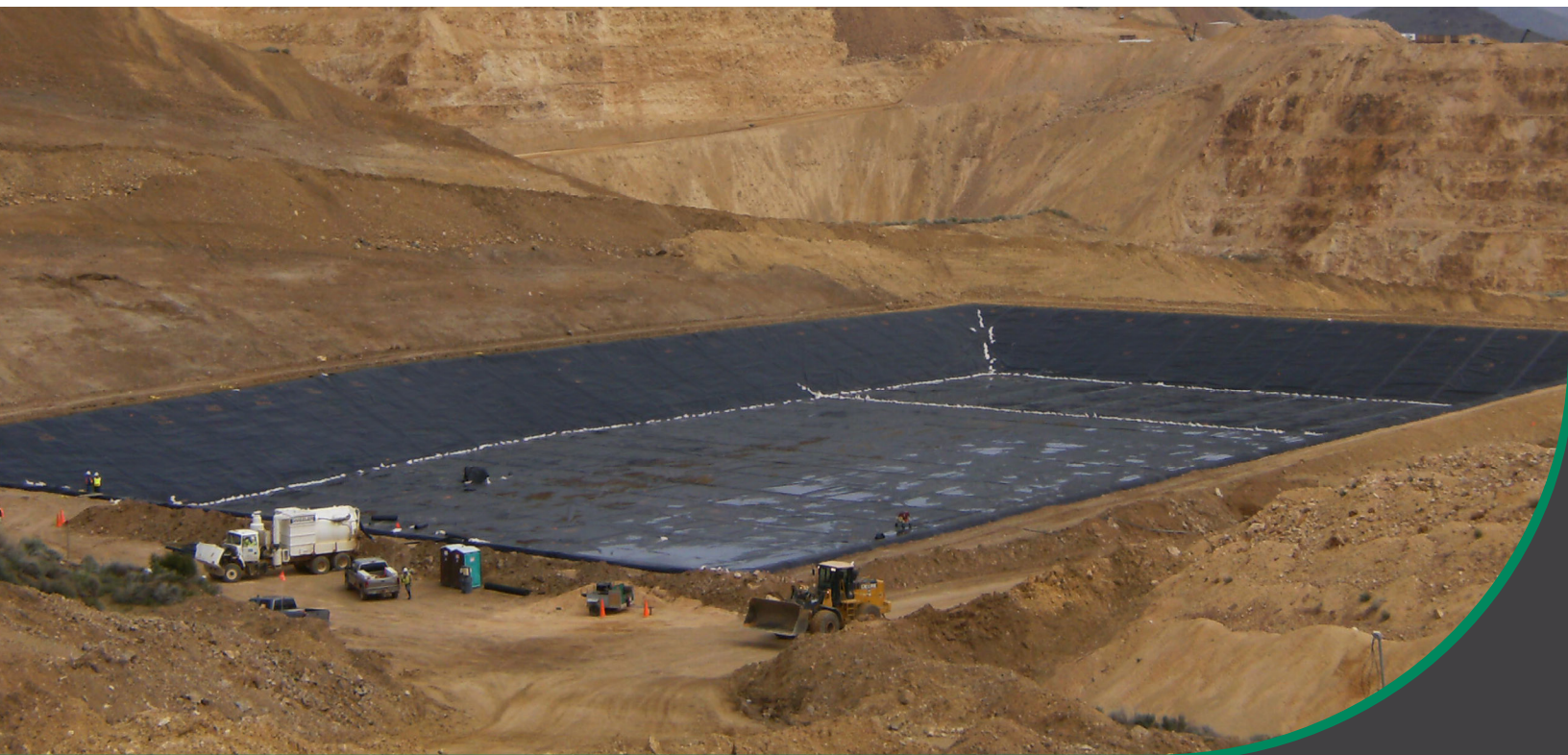
With AGRU, your project can begin with Smooth Liner and end with a customized solution for your project specifications.

Color Liners

AGRU white surfaced geomembrane liners are a coextruded product that adds a layer of white geomembrane onto a layer of black AGRU geomembrane. This white liner component offers a light reflective surface that helps control the liner's thermal properties, reducing associated heat absorption by as much as 50%. Green-surfaced geomembranes are also available to help improve the overall aesthetics of the project by blending the liner with the surrounding flora.

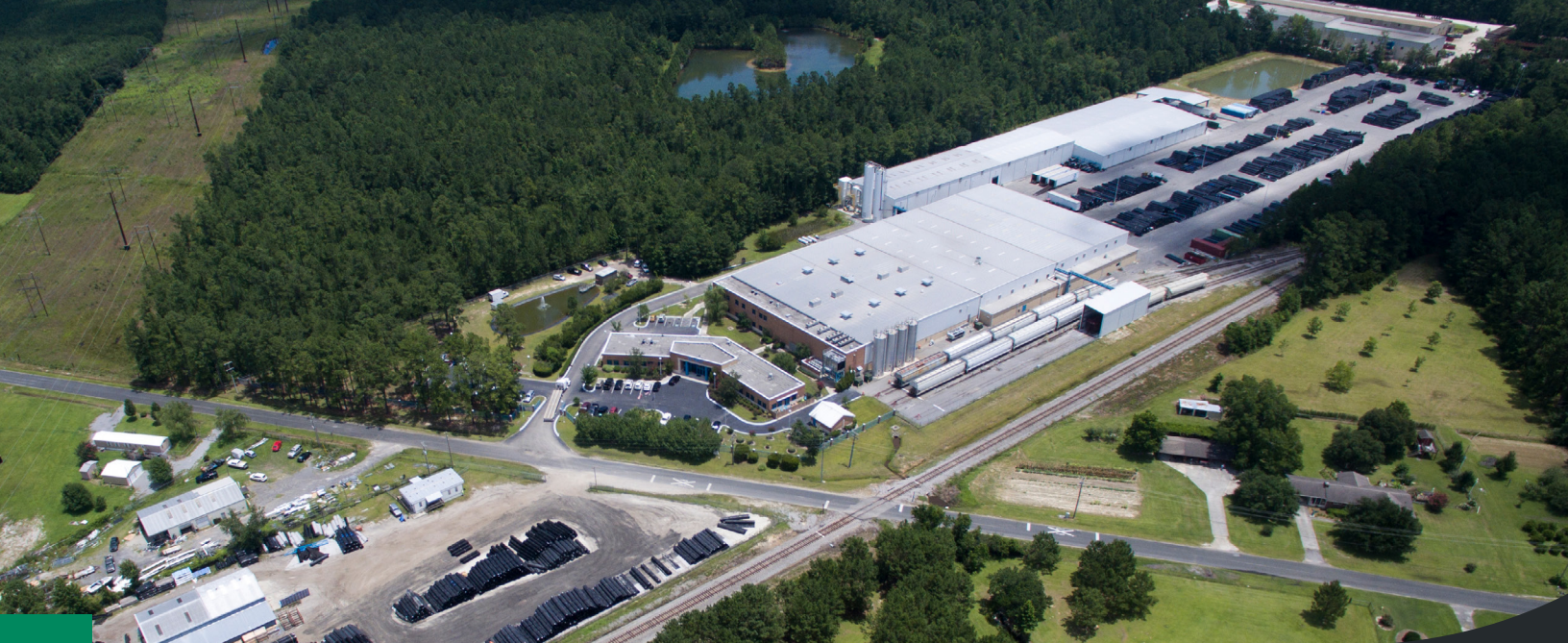
Conductive Liner

AGRU Conductive Liner is a coextruded geomembrane that contains a lower layer with a higher carbon loading as compared to other polyethylene-based liners, allowing this specialty liner to conduct an electrical charge. This feature allows construction quality assurance testing for possible holes, punctures, tears, cuts, cracks, and similar breaches over the partial or entire area of an installed geomembrane using test method ASTM D7240.









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Illustrations are generic and for reference only.

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