



# Innovative Solutions for Global Geosynthetic Needs



**agru**  
america



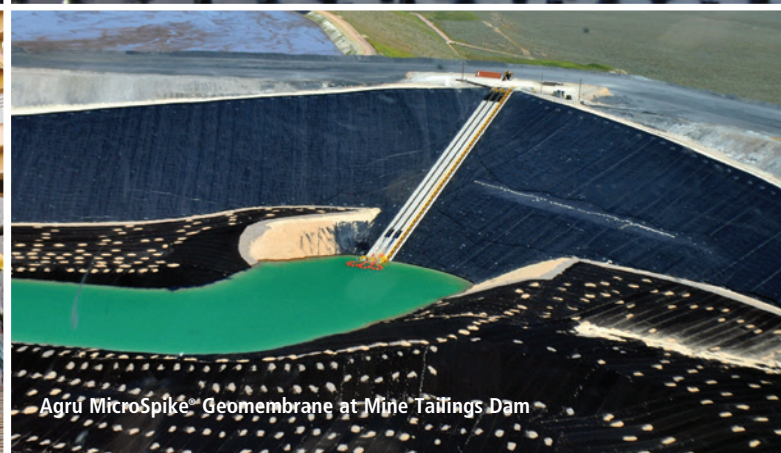
ClosureTurf® Cover System at Tangipahoa Parish Landfill, LA



Agru Drain'Liner® installation in Nevada



Agru Sure-Grip® Lined Deep Tunnel Sewer System (DTSS) in Singapore



Agru MicroSpike® Geomembrane at Mine Tailings Dam



# Innovation

The company's state-of-the-art products include Smooth Liner®, MicroSpike® (structured textured products), Super Gripnet®, Sure-Grip® and Drain Liner® in both LLDPE and HDPE.

# Experience

For 25 years, Georgetown, South Carolina-based Agru America, Inc. has been the world's leading manufacturer of flat die extrusion geomembranes, geonets, geocomposites and geotextiles. Agru America also supplies geosynthetic clay liners, concrete protective liners, vertical barrier systems, and pipe and fitting systems for the U.S. and international civil/environmental markets.

# Performance

With a geotextile plant acquisition in Andrews, SC and the construction of a new geomembrane plant in Fernley, NV, Agru America has expanded its role as a top supplier of high-performing products that are critical to its customers' success.

# Quality & Service

Agru America is committed to quality products, excellent service, and cutting-edge innovation.

OUR COMPETENCE



Agru MicroSpike® and Smooth Liner® Installation

# Sheet Stock

Sheets, round bars and welding rods made of premium resins for tank or other construction.



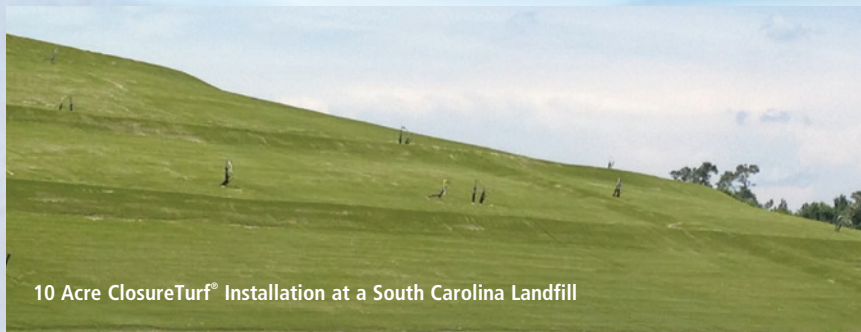
Agru Semi-Finished Products

# Lining Systems

Geomembranes with smooth and structured surfaces for the sealing of landfills, ponds and tunnels. All our HDPE and LLDPE liners meet or exceed industry standards including GRI GM test values and requirements established by the environmental waste containment and civil engineering communities.

# Cover Systems

ClosureTurf® is an aesthetically pleasing geosynthetic Subtitle D compliant final cover system. It's designed to be virtually maintenance-free while lowering construction time and cost. ClosureTurf® can be used on landfills, mines, industrial waste disposal sites and coal combustion residues (CCR) containment areas.



10 Acre ClosureTurf® Installation at a South Carolina Landfill





Agru Sure-Grip®-Lined Box Culvert Section

## Concrete Protection

Concrete protection is a durable means by which to safeguard against leakage, abrasion and corrosion. Used for precast, cast-in-place and rehabilitation applications, concrete protective liners extend the life of concrete structures such as tanks and pipes.

## Pipe & Fitting Systems

Pipes, fittings, valves and special components are combined to complete piping systems for the following applications.

### **AGRULINE - Natural Gas & Water**

Leak-proof piping systems for natural gas and water supply as well as sewage disposal.

### **Industrial**

Available in a wide range of dimensions; made of various plastics for chemically aggressive media.

### **PURAD - high purity**

Transport of ultra-pure water and exhaust air in the semiconductor, pharmaceutical and food industries.

### **AGRUSAN + AGRUAIR**

Piping systems for sanitary applications, compressed air, potable water supply, sanitary facilities and for industrial applications.



AGRULINE™ Pipes and Fittings

AGRU PRODUCTS FOR...

**Environmental Industries**

**Civil Industries**

**Pipe & Fitting Systems**

**Cover Systems**

**Mining Industry**

**Water & Wastewater Industries**

**Tunnel Industry**

**Energy Industry**





## Agru Manufacturing Plants

- A.** Agru America, Inc.  
Georgetown, South Carolina / USA
- B.** Agru America, Inc. (Plant 1 & 2)  
Andrews, South Carolina / USA
- C.** Agru America, Inc. (Plant 1 & 2)  
Fernley, Nevada / USA
- D.** Agru Kunststofftechnik GmbH (Plant 1-4)  
Bad Hall / Austria
- E.** Agru Oberflächentechnik GmbH  
Grünburg / Austria
- F.** Agru-Frank GmbH  
Wölfersheim / Germany
- G.** Taicang AGRU Plastics co.  
Banqiao, Jiangsu Shanghai / China
- H.** Pennwalt AGRU Plastics Ltd.  
Vadodra / India

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# Worldwide Competence in Plastics & Geosynthetics



Agru Pipe and Fitting Systems



Agru Sure-Grip® Lined Pumping Station



Mining Contingency Pond with Agru Smooth® Liner



Agru MicroSpike® Deployment

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