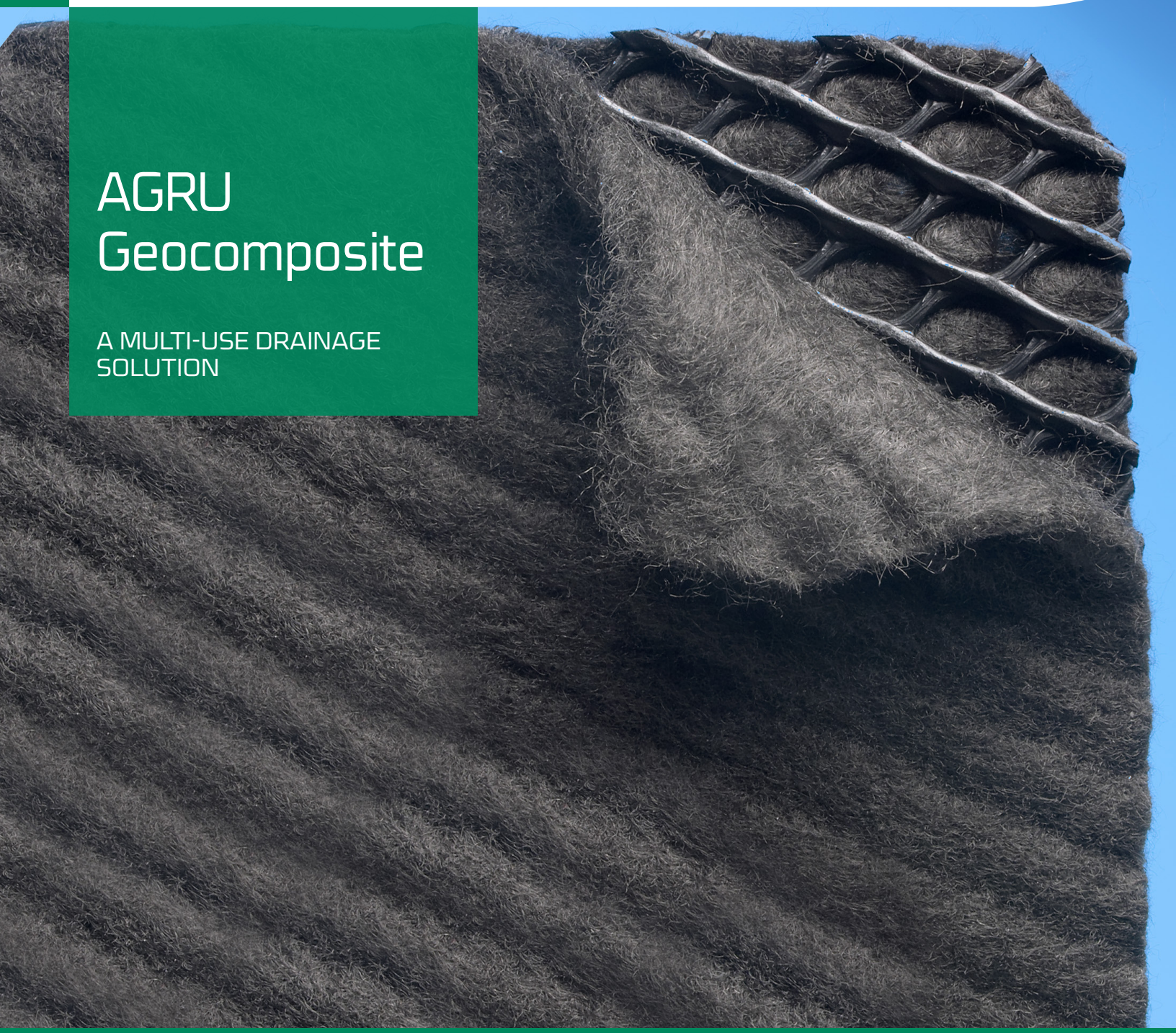
The Plastics Experts.

AGRU Geocomposite

A MULTI-USE DRAINAGE SOLUTION



The Plastics Experts.

AGRU America combines high-quality manufactured geonets with nonwoven geotextiles to create a geocomposite drainage medium for applications requiring filtration. AGRU uses only the highest-grade HDPE and LLDPE resins available in North America.

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 part 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.

AGRU Geocomposite

AGRU Geocomposite works for drainage applications that need filtration to keep silt and soil particles from clogging flow. Applications that need increased friction characteristics also benefit from the use of geocomposite.

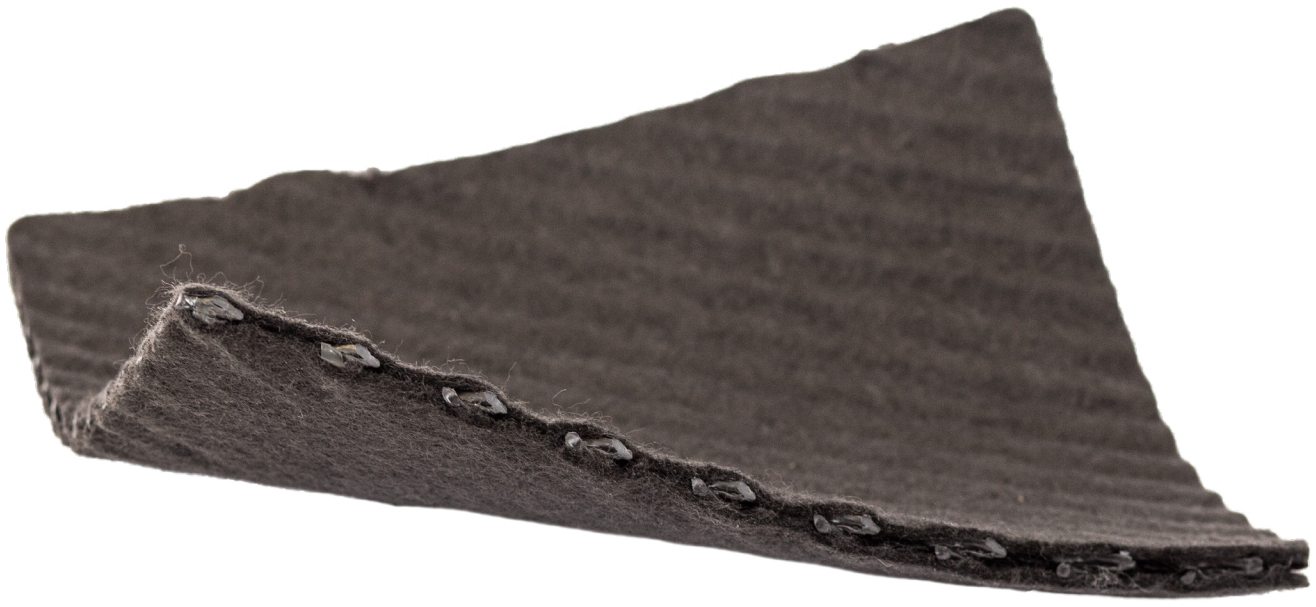
AGRU Geocomposite is a synthetic drainage medium designed to replace one to two feet of traditional aggregate while providing drainage under similar site loads, gradients, and site conditions. The medium is available in both single-sided and double-sided variants with geonet core thicknesses from 200 mil to 330 mil and fabric ranging from 4 oz. to 16 oz. To provide for filtration and separation while providing good transmissivity values, AGRU bonds geotextiles to the geocomposite.

Summary

- Reduced space requirements make it a cost-effective alternative to traditional aggregate.
- Manufactured with AGRUTEX, a nonwoven geotextile that provides filtration, separation, and protection for geosynthetics.
- Chemically resistant and reliable.
- Easy-to-install design.

Applications

AGRU Geocomposite finds use in subsurface drainage, leak detection, leachate collection and removal systems, and venting subsurface gas or gas produced by a landfill.

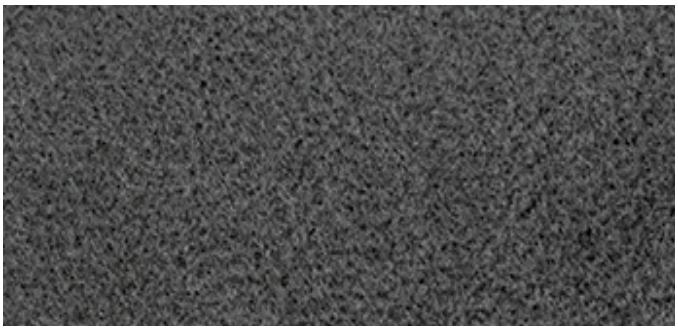


Two AGRU Products in One Competitive Package

AGRU Geocomposite is a product made with AGRUTEX and AGRU Geonet. Together, the final product yields superior a drainage medium.

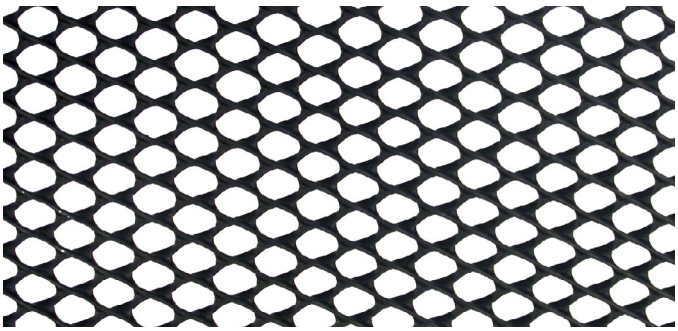
AGRUTEX

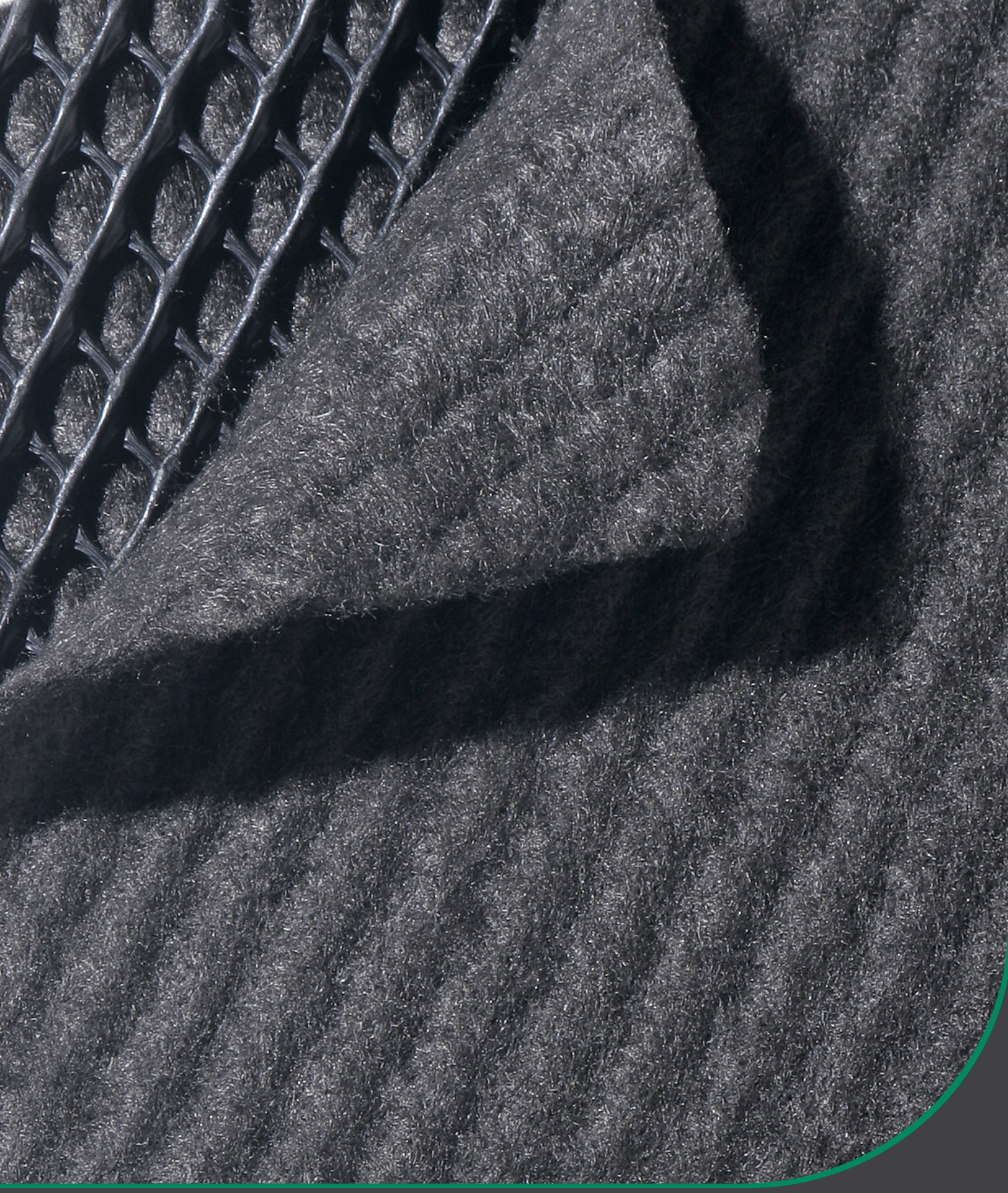
AGRUTEX is a nonwoven geotextile product line specifically designed for environmental, civil, and mining applications. AGRUTEX provides filtration, separation, and/or protection for other geosynthetics such as the geonet used in AGRU Geocomposites. AGRUTEX is easy to install with a robust record of high performance. Needled staple fibers form a stable network that enhances AGRUTEX's dimensional stability. Manufactured with polypropylene, AGRUTEX possesses high resistance to ultraviolet, biological, and chemical degradation.



AGRU Geonet

AGRU Geonet is a high-density polyethylene drainage media ideal for applications such as landfill cells, leak location in double-lined systems, landfill caps for drainage and methane gas collection, and landscape drainage systems. AGRU's Geonet is bixial and biplanar, presenting a rib formation that allows for high flow in both machine and cross-machine directions.





The Plastics Experts.

Subject to errors of typesetting, misprints and modifications.
Illustrations are generic and for reference only.

AGRU America
500 Garrison Road
Georgetown, SC 29440
USA

T. +1 800 373 2478
F. +1 843 546 0516
agru.life/geocomposite
Revision Date: May 29, 2018