

HUITEX[®]

G E O M E M B R A N E



HUITEX[®] Geomembrane is made of premium polyethylene resins with various specifications to satisfy different environmental requirements.

HDPE

High Density Polyethylene (HDPE) is the most common material for lining solution. It features outstanding dimensional stability, impermeability, and strong resistance against chemicals, ultraviolet, and environmental stress crack.

LLDPE

Linear Low Density Polyethylene (LLDPE) not only has the superior features as HDPE but also provides excellent flexibility and elongation. It is ideally suitable for lining projects requiring special flexibility.

Finish

HUITEX[®] Geomembrane is available in standard smooth, textured, colored (black, white, green, blue and others), and conductive finishes upon request. Single-sided and double-sided textured finishes provide excellent friction. Electrically conductive finish on bottom layer against subgrade can be rigorously spark-tested for ruptures and leaks in whole lining system.

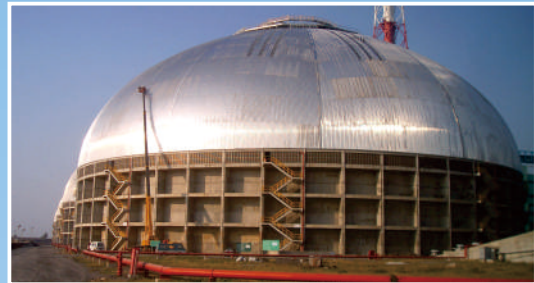
Accessories

Made of the same polyethylene material, welding rods and E-lock, an embedded attachment system to the concrete, serve as perfect complements to HUITEX[®] Geomembrane.



For Energy

HUITEX[®] Geomembranes are widely used in the various storage ponds and dams for ENERGY applications, such as evaporation ponds and coal ash dams for coal-burning power plants, pumped storage ponds for hydroelectricity power plants and Coal Seam Gas CSG Produced Wastewater ponds and Brine ponds. Featuring superior impermeability, tensile strength and strong resistance to puncture, environmental stress crack and UV radiation, HUITEX[®] Geomembranes provide a long-term performance to the containments for ENERGY industries.





For Waste treatment

Waste management has always been critical in the industries. HUITEX[®] Geomembranes are widely used for the municipal solid waste landfills, the hazardous material landfills, and evaporation ponds. Featuring strong chemical resistance, impermeability and flexibility, HUITEX[®] Geomembranes generate a durable and reliable environmental protection solution.

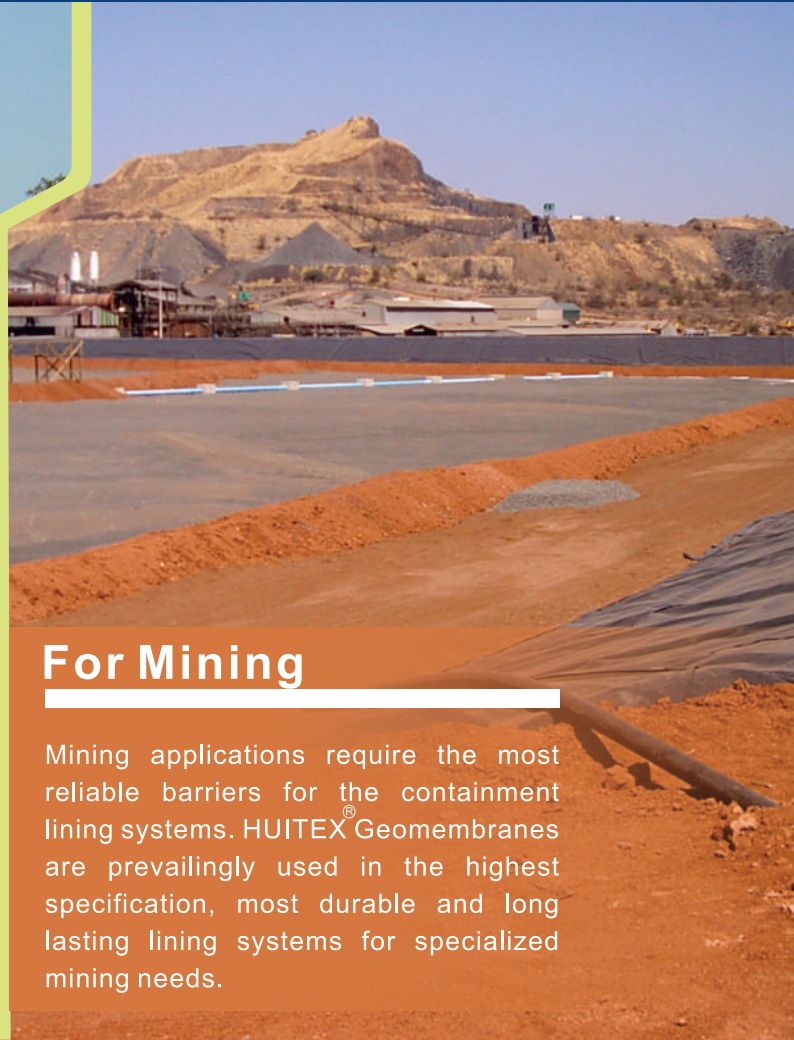
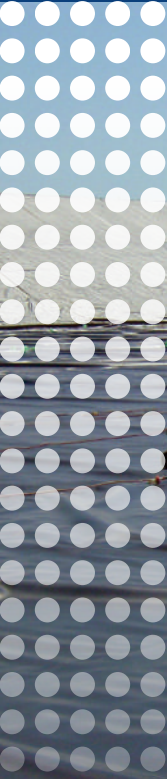
Waste treatment

For Water

Water conservation is one of the most important issues in the 21st century.

Polyethylene's safe, nontoxic properties make HUITEX[®] Geomembrane an ideal lining material for aquaculture ponds, canals, channels, floating covers and water containment applications. Blended with premium polyethylene resin, adequate carbon black and antioxidant, HUITEX[®] Geomembranes are resistant to the UV radiation under an exposed environment in the long term.





For Mining

Mining applications require the most reliable barriers for the containment lining systems. HUITEX[®] Geomembranes are prevailingly used in the highest specification, most durable and long lasting lining systems for specialized mining needs.



HUITEX[®] Geomembranes are available in smooth and textured finishes to utilize the friction advantage for slope lining. HUITEX[®] Geomembranes with the best chemical resistance has been used successfully for many years as liners for mining heap leach pads and tailing dams.



HUITEX's strict QA/QC programs conform to or exceed the GRI GM13 and GM17 standard and are certified to affix the CE marking. HUITEX[®] products are marketed in more than 50 countries and used in a number of significant environmental projects in every continent with sound performance records. HUITEX[®] is a member of International Geosynthetics Society (IGS), Industrial Fabrics Association International (IFAI), Geosynthetic Material Association (GMA) and International Association of Geosynthetics Installers (IAGI). HUITEX[®] is the Environmental Business Group of Huikwang Corporation (HKC), a listed company founded in 1965.



ISO 9001:2015
ISO 14001:2015

TAIWAN

ADD: 259 Section 1 Majia Road, Madou, Tainan 721010, Taiwan
TEL: +886-6-570-0892
FAX: +886-6-570-0065
E-mail: geo@huitex.com

CHINA

ADD: 10F, No. 8, Underground Mingzhu Garden, Lane 198,
Xinjian Road (E), Shanghai 201100, China
TEL: +86-21-6414-8568*115
FAX: +86-21-3412-0203
E-mail: geo@huitex.com

THAILAND

ADD: No. 500/1, Village 5, Khaokhansong Sub-District,
Sriracha District, Chonburi Province 20110 Thailand
TEL: +66-38-190-221
FAX: +66-38-190-223
E-mail: geo@huitex.com

www.huitex.com geo@huitex.com



2022.06.24-E