

HDPE Liner IndustraLINE

Welcome to HDPE Liner | IndustraLINE:
Your key geosynthetic solution.

RELIABLE RETENTION.

IndustraLINE HDPE Liner serves as a robust and waterproof impermeable barrier, guarding against the seepage and contamination of surrounding media. With its exceptional strength and resilience, it creates an impenetrable shield, keeping hazardous substances at bay and preserving the integrity of the environment.



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HIGHLIGHTS

IndustraLINE HDPE Liner brings a host of advantages to your projects, setting new benchmarks for performance and quality:

- **Exceptional Physical Properties:** Boasting high tensile strength, chemical resistance, and impermeability, our HDPE Liner offers unparalleled protection.
- **Durability:** Designed to withstand harsh environmental conditions, IndustriLINE HDPE Liner ensures long-lasting performance.
- **UV Resistance:** With excellent UV resistance, our HDPE Liner maintains integrity and performance even under prolonged exposure to sunlight.
- **Puncture Resistance:** Count on IndustriLINE HDPE Liner to resist punctures, ensuring dependable containment and longevity.
- **Chemical Compatibility:** Our HDPE Liner exhibits remarkable resistance to various chemicals, offering a robust barrier for diverse applications.

INDUSTRIES



Water



Waste Management



Landscaping



D.I.Y

MATERIAL

HDPE Liner | IndustriLINE comes in **HDPE (High-Density Polyethylene)**. HDPE is a versatile thermoplastic polymer widely used as a liner material for various applications. Its key benefits include:

- Excellent Chemical Resistance
- Superior Flexibility and Toughness:
- Exceptional Durability
- Impervious to Water
- Lightweight and Easy Installation
- Recyclable
- Cost-Effective

HDPE's properties make it an excellent choice for protecting against leaks and ensuring the integrity of containment systems in industrial and environmental projects.

OUR SPECIFICATIONS

Industrial Geosynthetics has a minimum order quantity of 1 roll. Not to worry, IndustriLINE comes in many different sizes to meet your various needs:

- Black, **5.8M W x 100M L x 2.0mm T**
- Black, **5.8M W x 100M L x 1.5mm T**
- Black, **5.8M W x 100M L x 1.0mm T**
- Black, **5.8M W x 50M L x 2.0mm T**
- Black, **5.8M W x 50M L x 1.0mm T**

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APPLICATIONS

The versatility of IndustriaLINE HDPE Liner makes it the preferred choice for a wide range of applications. From essential environmental protection to efficient water management, here are some key areas where IndustriaLINE HDPE Liner excels:

- **Landfills:** Prevent the leaching of contaminants from landfills, safeguarding the environment from toxic substances.
- **Ponds and Reservoirs:** Retain water, prevent leakage, and support various purposes such as irrigation and aquaculture.
- **Oil and Gas Containment:** Safely store oil and gas, ensuring leak-proof containment in storage facilities.
- **Mining Applications:** Line tailings dams, heap leach pads, and mining infrastructure to prevent environmental hazards.
- **Agriculture:** Create a reliable barrier in irrigation canals, ponds, and reservoirs to retain water and prevent seepage.

HOW TO SPECIFY

HDPE LINER | INDUSTRIALINE

HDPE Liner | IndustriaLINE shall be in rolls of 5.8m W x 50m L and 5.8m W x 100m L. In thickness of 1.0mm, 1.5mm and 2.0mm, in black, High-density polyethylene (HDPE) and produced according to the GRI GM13 ASTM Standard.



Our **long form** *How to Specify* is on our website.



HDPE Liner | Industria**LINE**

LLDPE Liner | Industria**LINE FLEX**

Geosynthetic Clay Liner | Industria**CLAY**

Geonet | Industria**NET**

Biaxial Geogrid | Industria**GRID DUO**

Uniaxial Geogrid | Industria**GRID**

Non-woven Geotextile | Industria**TEX**

Woven Geotextile | Industria**WEAVE**

Geocell | Industria**CELL**

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GREATER SOLUTIONS

HDPE Liner, a versatile material on its own, forms effective synergies with other geosynthetic products, enhancing their performance and expanding their application scope. Here are some examples:

- **HDPE Liner with Geotextiles:** Geotextiles act as a protective cushion, preventing punctures and abrasions to the HDPE liner, ensuring added durability.
- **HDPE Liner with Geogrid:** Geogrid provides reinforcement, increasing the liner's tensile strength and stability, particularly in slope and embankment applications.
- **HDPE Liner with Geonet:** The drainage net facilitates efficient water removal, reducing hydrostatic pressure on the liner and enhancing its waterproofing capabilities.

The strategic pairing of HDPE Liners with these geosynthetic products maximizes their individual strengths, resulting in reliable and versatile solutions for various geotechnical and environmental projects.

INSTALLATION

Installing IndustriaLINE HDPE Liner is a seamless process, ensuring efficient implementation and reliable results. Here's an overview of the installation process:

- **Surface Preparation:** Ensure the substrate is clean, smooth, and free from any sharp objects or debris.
- **Unrolling:** Unroll the HDPE Liner sheets carefully, aligning them according to the project specifications.
- **Welding:** Look into our **Liner Glue Tape** for an easy way to seal your liners. Alternatively, employ welding techniques, such as hot wedge welding or extrusion welding, to create strong seams and ensure a watertight barrier.



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About Us

INDUSTRIAL PLASTICS

Established in **1971**, **Industrial Plastics** has grown to become one of **Australia's largest custom plastic fabricators**.

In 2008, our commitment to quality assurance was recognised when we received **ISO 9001** accreditation. Investment in new machinery and a focus on customer satisfaction remains a top priority. Our success has enabled the company to work within a range of varying sectors, including mining, food processing, marine, and water treatment.

Industrial Plastics head office and main production facility is based in **Pinkenba, Brisbane**. The site is staffed with design, engineering and technical teams to ensure the highest quality product is developed and delivered to our customers.



INDUSTRIAL GEOSYNTHETICS

Industrial Geosynthetics is a specialized division that officially launched in early 2023 to cater to an identified market need. As part of **Industrial Plastics**, we had been providing reliable geosynthetic products for our valued customers for some time. Now, we have taken the step to establish ourselves independently, solely focused on meeting your geosynthetic requirements.

We are committed to continually expanding our range of geosynthetic products and services, ensuring we can effectively address your needs for upcoming projects. Your feedback is highly valuable to us as we strive to enhance our offerings and exceed your expectations.

At Industrial Geosynthetics, **our aim is to provide exceptional quality, excellent customer service, and practical solutions**. We are here to support you throughout your geosynthetic journey, helping you achieve success in your projects.

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