



MEGAPLAST™

Your Trusted Partner For Geomembranes!

HDPE & LLDPE Liners

Flexible, Conductive & Barrier Geomembranes

Geomembrane Accessories

www.megaplast.in



About Megaplast™

At **Megaplast™**, innovation drives every aspect of our business. As a leading manufacturer of PE flexible films, we specialize in cutting-edge **geomembranes, industrial packaging, retail packaging, and agricultural films**—delivering sustainable, high-performance solutions to industries worldwide. With over a decade of expertise, Megaplast has built a reputation for excellence, backed by state-of-the-art manufacturing facilities in Daman, India, spanning **300,000 sq. ft.** and producing **24,000 metric tonnes** of high-quality polyethylene films annually.

Megaplast™ Geomembranes

We are among the few manufacturers globally to offer **7-layer geomembranes**, setting new benchmarks in durability, flexibility, and environmental performance.

Core Strength

- HDPE & LLDPE Material
- 8-meter width for faster installation
- Thickness from 0.5mm to 3mm
- Smooth, Single and Double Side Textured Finish options available
- Colors include – Black, White and any other colour on request



Quality Assurance

At Megaplast™, our in-house R&D lab continually pioneers next-generation geomembrane technologies, focusing on: Material composition customization, performance testing under extreme conditions and product development aligned with global standards.

- Core Thickness (in Textured Surface)
- Asperity Height (in Textured Surface)
- Melt Flow Index (MFI)
- Tensile Strength & Elongation
- Tear Resistance
- Puncture Resistance
- Stress Crack Resistance (Notch Constant Tensile Load (NCTL))
- Carbon Black Content (CBC)
- Carbon Black Dispersion (CBD)
- Standard Oxidative Induction Time (Std.-OIT)
- High-Pressure Oxidative Induction Time (HP-OIT)
- Oven Ageing at 85 Degrees Celsius
- UV Resistance at 1600



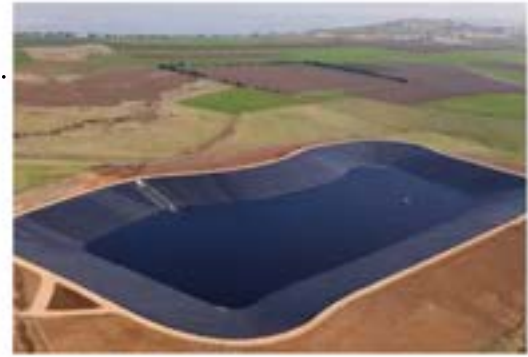
Product Overview

MegaLiners®

HDPE Liners

High-strength, chemically resistant liners for robust containment. Diamond liners offer premium specs (>GM13), Platinum liners meet GRI-GM13 standards, and Gold liners are cost-effective.

- Superior Chemical and UV Resistance
- Efficient Installation (8m width)



LLDPE Liners

Highly flexible liners ideal for dynamic ground conditions and irregular surfaces requiring adaptability, elongation, and stress crack resistance.

- Superior Flexibility and Elongation
- UV and Chemical Resistance



Speciality Films

Flexible Geomembranes

An advanced LLDPE liner with high-stress tolerance, perfect for shifting terrain and dynamic loads.

- High Puncture Stress and Tear Resistance
- UV and Chemical Resistant



Conductive Geomembranes

These liners feature an integrated coextruded conductive layer, enabling reliable post-installation spark testing for leak detection assurance.

- Enables Spark Testing (Integrity)
- Dual-Layer Protection



MegaBarrier®

Multi-layer geomembrane with an EVOH barrier providing exceptional resistance to gases (VOCs, methane, radon) & moisture for sensitive sites.

- Protects from Harmful Gases/VOCs and is chemical resistant
- Ultra-Low Gas Permeability



Accessories

Geomembrane Accessories

MegaLock and MegaWeld are the products used in conjunction with geomembranes to enhance their performance or installation.

- Secure Mechanical Fastening
- Creates a Watertight Seal



Applications



Coal & Mining



Agriculture



Petrochemical



Waste Management
Treatment



Biogas



Aquaculture



Water-Canals, Ponds
Dams & Reserviors



Salt Pans



Landscaping-
Capping

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Somnath Plant

Nr. Cello House,
Somnath, Dabhel,
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