

Pond Liner

Agrifirst Pond Liner — HDPE geomembrane for waterproof farm ponds, aquaculture, water storage. UV-stabilized, puncture-resistant. 10-year life. Buy now.



5x longer

lifespan with 10-year UV stabilization

3x stronger

coverage with high-strength HDPE

4x more

flexibility with customizable dimensions

ABOUT

Agricultural Pond Liner — Waterproof HDPE Geomembrane for Water Storage & Aquaculture

Agrifirst Pond Liner is a heavy-duty HDPE geomembrane for constructing waterproof farm ponds, water storage reservoirs, aquaculture tanks, and irrigation ponds. This UV-stabilized, flexible yet puncture-resistant membrane prevents water seepage into the ground — ensuring your stored rainwater, irrigation water, or aquaculture environment remains fully contained with zero losses.

DESCRIPTION

Agrifirst Pond Liner is an industrial-grade HDPE (High Density Polyethylene) geomembrane for creating fully waterproof containment for agricultural ponds, water storage reservoirs, aquaculture tanks, and rainwater harvesting structures. This flexible yet highly durable membrane prevents water seepage, ensuring maximum water retention and zero ground losses.

Key Benefits

- **100% Waterproof** — Zero seepage or permeation through HDPE membrane
- **10–15 Year Life** — Premium UV stabilization for decades of outdoor performance
- **Chemical Resistant** — Unaffected by fertilizers, pesticides, fish pond chemicals, and soil chemistry
- **Flexible & Conformable** — Moulds to irregular pond shapes and contours
- **Puncture Resistant** — Heavy-duty HDPE withstands stone punctures and root penetration
- **Food Safe** — Suitable for aquaculture and potable water storage

Technical Specifications

Material	HDPE (High Density Polyethylene) — virgin resin
Thickness	250 micron / 500 micron / 750 micron / 1000 micron
Color	Black (standard), blue available for aquaculture
UV Life	10–15 years (with soil/water cover)
Available Widths	2m, 4m, 6m, 8m
Seaming	Heat welding for large ponds (Agrifirst installation team)
Applications	Farm ponds, rain harvesting, aquaculture, irrigation reservoirs, biogas ponds

GALLERY



AGRIFIRST - FARMERS FIRST

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