stiplagritech
Protect. Cultivate. Empower.

www.stiplagritech.com

Hydroponics Films

Co-extruded, UV-stabilized Hydroponics Films for NFT/DFT/DWC—block light, suppress algae, reflect useful light and keep reservoirs cleaner. Available via STIPL Agritech (GreenPro).

Light management & hygiene films for NFT/DFT/DWC systems

Co-extruded, UV-stabilized films engineered for hydroponic gullies, channels, reservoirs and grow spaces—helping control light, algae and temperature.

Hydroponics Films are purpose-built for Nutrient Film Technique (NFT), Deep Flow Technique (DFT), and other hydroponic systems. They help block stray light, suppress algae, reflect useful light to the canopy and maintain a cleaner, cooler root-zone environment.

- **Construction:** Multi-layer LDPE/LLDPE, UV-stabilized for long service life
- **Typical thickness:** 80–250 µm (application-dependent)
- **Colors:** White/Black (reflective + opaque), Black (full opacity)
- **Benefits:** Algae suppression, reduced evaporation, easier sanitation, temperature moderation

Applications

- **Gully/Channel Covers (NFT/DFT):** Opaque/reflective films to block light and keep nutrient paths clean.
- **Reservoir & Sump Covers:** Black or B/W films to reduce heating, evaporation and contamination.
- **Grow-room Liners & Partitions:** White reflective films to improve PPFD uniformity and hygiene.

Good to know

- White side faces outward for higher reflectivity; black side prevents light penetration.
- Use smooth supports and avoid sharp edges; tension evenly for clean runoff.
- Compatible with standard wash/sanitization schedules.

Algae Prevention
Opaque layer blocks light for cleaner hydroponics.

Light Reflection
White layer boosts canopy light for better growth.

High Durability
UV-stabilized films ensure long-term system hygiene.

SHELTERTECH INDIA PRIVATE LIMITED
Plot #9, Office #7, DHL Square, IT Park, Sector 22, Panchkula, Haryana - 134109 , INDIA

+91 1724029871 contact@sheltertechindia.com