

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

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.

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