

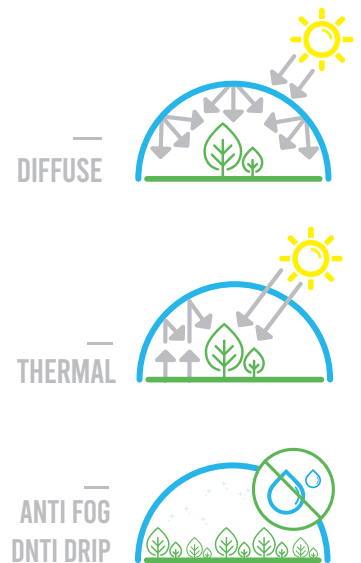


Diffused thermic Stabilized film with anti-fog

TECHNICAL PRODUCT INFORMATION

- Product: Diffused thermic Stabilized film with anti-fog
- Catalog Number: E1785
- Product description: Diffused sulfur resistant multi-layer greenhouse cover. The film contains anti-fog additives to prevent dripping on the plants and IR barriers ingredient to reduce heat loss during the nights.
- UV Resistance: Up to 3 years or 1500 ppm Sulfur (Anti-fog 18 months)
- Thickness: 150-200 μ
- Width: 1.0-14.5 m
- Length: According to customer order

Property	Test Method	Units	Value
Tensile Strength at break [MD]	ASTM D-882	MPa.	27
Tensile Strength at break [TD]	ASTM D-882	MPa.	27
Elongation at break [MD]	ASTM D-882	MPa.	600
Elongation at break [TD]	ASTM D-882	MPa.	600
Tear resistance [MD]	ASTM D-1922	Kg./mm	9.0
Tear resistance [TD]	ASTM D-1922	Kg./mm	12.0
Falling Dart Impact (200 microns)	ASTM D-1709	gr.	1200
Total light transmission at 400-700 nm	EN 13206	%	85
Light diffusion at 400-700 nm	EN 13206	%	65-70
Thermicity	EN 13206	%	85
UV blocking at 250-400 nm	EN 13206	%	90
Thickness average	EN 13206	%	$\pm 5\%$ on nominal
Thickness tolerance	EN 13206	%	$\pm 15\%$



USE AND LIMITATION:

- **Exposure to chemicals:** exposure of greenhouse films to severe chemical conditions has an adverse effect on the lifetime of the film. Avoid excessive use of agrochemicals such as pesticides, herbicides, fungicides and fertilizers. Take measures to prevent direct contact of chemicals to the film. Ensure that metal structures are galvanized and are free from corrosion. When wooden structure parts are used, avoid contact of the film with resin, oil, petroleum or volatile preservatives. Prevent contact of the film with PVC accessories. Chemicals containing halogens, sulfur, copper, iron, are known to accelerate the degradation of greenhouse films.

Specifically, if the following elements are found at levels higher than specified, the films are excluded from this warranty:

Sulfur: 1500ppm, Chlorine: 150ppm, Iron: 50 ppm.

- **Overheating** the film has an adverse effect on its lifetime. Hot air should be directed away from the film.
- When gases are used to disinfect the soil, the treated soil must be covered with a film for a minimum of three weeks. After the film is removed, the greenhouse should be ventilated.

Kibbutz Einat P.O.B 3 | Einat 4880500 Israel | Tel :+972-3-9016060 | Fax:+972-3-9016040

All statements, information and data given herein are believed to be accurate a reliable, but are presented without guaranty, warranty or responsibility any kind, express or limited. Statement or suggestion concerning possible use of our products are made without representation or warranty that any such use is free of patent infringement, and are not recommendation to infringe any patent. The user should not assume that all safety measures are indicated, or that other measures may not be required