

TECHNICAL PRODUCT INFORMATION

Product:	Diffused reflective Anti-Drip Anti-Dust
Catalog Number:	E2162
Product description:	Aluminum diffused film with IR reflective cooling effect . The light diffusion reduces construction and self shadows and allows the plants to receive a more even distribution of light during the day. The film contains anti-fog (anti-drip) to avoid dripping on the plant and anti-dust. The film was designed to stand very tough climate.
Durability:	3 years (36 months)
Thickness:	200-300 μ
Width	Up to 18.0 m

Product properties

Property	Test Method	Units	Value
Tensile Strength at break [MD]	ASTM D-882	Kg/cm ²	270
Tensile Strength at break [TD]	ASTM D-882	Kg/cm ²	250
Elongation at break [MD]	ASTM D-882	%	700
Elongation at break [TD]	ASTM D-882	%	700
Tear resistance[MD]	ASTM D-1922	gr/mm	9000
Tear resistance[TD]	ASTM D-1922	gr/mm	12000
Falling Dart Impact	ASTM D-1709	grf	1200
Total light transmission	ASTM 1003	%	87
Light diffusion	ASTM 1003	%	70-78
Thermicity (700-1100 nm)	EN 13206	%	NA
Thickness average tolerance	EN 13206	%	$\pm 5\%$
Anti-Drip	At film's interior layer		
Anti-Dust	At film's outer layer		

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

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: max 500 ppm, Chlorine: 50 ppm, Iron: 50 ppm

- **Overheating:** the film has an adverse effect on its lifetime. Hot air should be directed away from the film.
- **Disinfection chemical use:** when chemicals 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.

All statements, information and data given herein are believed to be accurate a reliable, but are presented without guaranty and 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