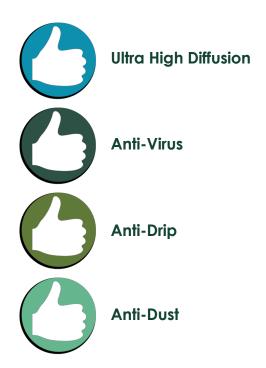
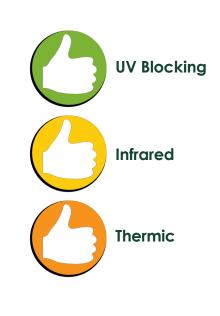


A quality product that checks all of your boxes

Crop Sure Plus - AV+Thermic+AD+IR+A-Dust

Crop Sure Plus is a multi-layer greenhouse cover. The film contains light diffusers to allow the plants access to more even distribution of light during the day, thermic additives to reduce heat loss during night, anti-drip additives to prevent dripping onto the plants, anti-virus ingredients and anti-dust ingredients. The cover's durability is 3 years at 160-180 KLy. The length of the cover is dependent on each customers order, with a width of up to 17.0 m and a thickness of 200 μ .













horticulture







Crop Sure Plus Properties

| Product properties E 2657 | | | |
|-----------------------------------|-------------|--------|----------------|
| Property | Test Method | Units | Value |
| Tensile Strength at break [MD] | ASTM D-882 | мРа. | 27 |
| Tensile Strength at break [TD] | ASTM D-882 | мРа. | 27 |
| Elongation at break [MD] | ASTM D-882 | % | 500 min |
| Elongation at break [TD] | ASTM D-882 | % | 500 min |
| 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 | EN 13206 | % | 88 |
| Light diffusion | EN 13206 | % | 65 |
| Thermality | EN 13206 | % | 80 |
| UV blocking (320-380 nm) | EN 13206 | % | 98 |
| Thickness average tolerance | EN 13206 | % | ±5% on nominal |

Usage and Limitations

- **Exposure to chemicals** Exposure of greenhouse films to severe chemical conditions has an adverse effect of 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 and iron are known to accelerate degradation of greenhouse films.
- If the following elements are found at higher levels than specified, the films are excluded from this warranty:
 - Sulfur 1500 ppm max
 - Chlorine 150 ppm
 - Iron 50 ppm
- **Overheating** Overheating the film has an adverse effect on its lifetime. Hot air should be directed away from the film
- **Disinfectant use** When chemicals are used to disinfect 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.



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