

GENERAL CONDITIONS OF USE FOR HYDROPONIC GROWING FILM AND BAGS

1. INTRODUCTION

aspla, has a quality assurance system certified according to standard UNE-EN ISO 9001, which ensures quality in each phase of the production of our products.

aspla manufactures and markets plastic sheets with guaranteed minimum durations, depending on the type and thickness of the film.

2. GARANTIES AND SERVICE LIFE TABLES

The duration guaranteed by **aspla** is reflected in the description of each product, counting this duration from the date of installation (last delivery note).

The duration of a sheet or bag is estimated based on solar radiation of 140-160 KLy; for the duration of the same sheets in another area with a different radiation, this indicative conversion table must be considered. Although as is well known, solar radiation intervenes in the duration of a film or bag, other factors such as humidity, temperature, type of support, phytosanitary treatments, etc influence. For this reason, the guaranteed time in the product installation area should be consulted.

Expressly excluded from the guaranties are breakages or degradations caused by:

- Abnormal, violent weather conditions (hail and strong winds) or natural disasters.
- mechanical breakages caused by defects in storage, transportation, conservations and/or installation by the customer.
- paints or covering products that are not acrylic or vinyl. Use of acid products or organic solvents.
- Attacks due to oxidation of the frame structure or support.
Exceed the limits indicated in this document for the sulphur and chlorine content in the film or bag; The sulphur and chlorine limits are determined according to the CEPLA MA-01 or MA-03 and MA-02 analytical method and/or UNE EN 13206:2017
- , expressed in parts per million (ppm)

In the case of film and bags for hydroponic cultivation, the products and thicknesses affected by these guarantees and their maximum limits of **sulphur** and **chlorine** are the following:

PRODUCT	HICKNESS (μ)	DURATION	SULPHUR	CHLORINE
Hydroponic film or bag B/W	120	3 AÑOS	2.000 ppm	150 ppm
Hydroponic film or bag B	120	3 AÑOS	2.000 ppm	150 ppm
Hydroponic film or bag B/W	100	2 AÑOS	1.500 ppm	100 ppm
Hydroponic film or bag B	100	2 AÑOS	1.500 ppm	100 ppm

3. TREATMENT OF CLAIMS AND REPLACEMENT

The start date of this guarantee is the date that appears on the last delivery note of the product from **aspla** or its representatives, warehouses and/or distributors. In the case of direct maritime shipment without going through a distributor, the guarantee start date is considered one month after the date of arrival of the vessel at its destination.

Claims are channelled through the commercial department and/or **aspla** distributors. From the moment the incident is detected, the warehouse, cooperative, corresponding distributor or **aspla** will be informed directly. **Aspla** personnel or those designated by the company will travel to the place of the claim for its study, take samples and collect information (distributor, customer, delivery note, agrochemicals used, date of installation, date of breakage, etc).

The quantity of film or bags to be replaced in the case of a claim, in accordance with the above and deemed admissible, will be calculated by applying a PRO RATA TEMPORIS formula:

$$\% \text{ FILM TO BE REPLACED} = 100 - \left(\frac{\text{LIFETIME OF THE FILM UNTIL BREAKAGE}}{\text{GUARANTEED LIFETIME}} \times 100 \right)$$

4. RECOMMENDATIONS

Transport and storage

During transport and storage, the reels must be supported on a smooth surface, without placing heavy or sharp objects on top of them. They should not be dragged or touch their edges. Store in a dark, dry place or with dark packaging.

Installation Periodically check the structure or support, checking that there are no rust or tips. During installation, avoid friction that could damage the material.

Use of agrochemicals

The use of phytosanitary products (pesticides, insecticides...) can release compounds that affect the effectiveness of stabilizers against UV radiation. For this reason, the recommended dosage and frequency of treatment should be used, limiting their use, particularly in those that have sulphur or chlorine in their composition.