

The multilayer coextrusion TIF film

MANUFACTURED UNDER THE STANDARD EN 17098

incorporates high barrier properties to gases improving the effectiveness of disinfection due to the greater retention of the gaseous fumigant.

WHY USE

TIF film for disinfection

Totally Impermeable Film

A traditional film has a degree of porosity which allows disinfectant release, making the process less effective and more expensive.

Films for the disinfection of crops:

Film	Epaisseur (microns)	Methyl Bromide	Chloropicrine	1,3-DP
PEBD	40	65	109	174
VIF	30	0.068	0.129	0.358
TIF	30	<0.0001	<0.0003	<0.004



Characteristics

- Made of flexible and strong polyethylene with a central EVOH barrier film.
- Designed for optimal UV resistance that maximizes its duration.
- High resistance to installation and mechanical removal.
- Reduces or substantially eliminates odours and leak of gases.

More effective and less expensive disinfection

TIF films are manufactured with the latest five-layers coextrusion technology, and now they even offer the possibility of seven-layers plastics fabrication, for mulch-barriers with less gas permeability.

Avantages



Increases the biocidal effectiveness of the applications with greater mortality of the pathogens, achieving greater control of weeds, less survival of nematodes, and as a result, higher yields.



Allows the reduction of the dose of disinfectant, since the film increases its the retention.



Anti UV treatment for maximum duration.



Reduces environmental pollution.



Protects the greenhouse cover not allowing the passage of gases through the disinfection film.



Lower gas emission and greater safety for applicators. It reduces the possible risks due to toxicity and allows a uniform distribution of the product.



Reduces the disinfection time, bringing forward the planting date.



Excellent mechanical properties: High resistance to traction, impact, and elongation at break.

More effective and less expensive disinfection

