

@griplast[®]

GROW, EVERYWHERE.



- thermal covering films -

AgriTerm[®]



Agriterm®



Agriterm® è un film con medio effetto termico a luce diretta con una elevata trasparenza che è in grado di fornire una copertura ideale per le coltivazioni che si realizzano in aree geografiche temperate e che non necessitano di elevata termicità. L'impiego in miscela di copolimero Eva e polietileni con alta resistenza assicurano elasticità e resistenza meccanica elevatissime. I valori di luminosità, durata, resistenza meccanica e termicità fanno di Agriterm® un'ottima copertura adatta a tutte le colture nelle aree geografiche con clima temperato (area mediterraneo o simili).



Agriterm® is a film with medium thermal effect with direct light with a high transparency that is able to provide an ideal cover for crops located in temperate geographical areas and that do not need high thermality. The use of a mixture of Eva copolymer and high-strength polyethyls provide extremely high elasticity and mechanical strength. The values of brightness, durability, mechanical strength and thermality make Agriterm® an excellent cover suitable for all crops in geographical areas with temperate climate (Mediterranean area or similar).



Agriterm® es una película con efecto térmico medio con luz directa con una alta transparencia que es capaz de proporcionar una cubierta ideal para cultivos que se elaboran en zonas geográficas templadas y que no necesitan alta termicidad. El uso de copolímero Eva y una mezcla de polietilenos de alta resistencia en proporcionan una elasticidad y resistencia mecánica extremadamente altas. Los valores de brillo, durabilidad, resistencia mecánica y termalidad hacen de Agriterm® una excelente cobertura adecuada para todos los cultivos en zonas geográficas con clima templado (zona mediterránea o similar).



Agriterm® est un film à effet thermique moyen avec une lumière directe et avec une transparence élevée qui est en mesure de fournir une couverture idéale pour les cultures qui sont faites dans les zones géographiques tempérées et qui n'ont pas besoin d'une forte thermique. L'utilisation d'un mélange de copolymère Eva et de polyéthyls à haute résistance fournissent une élasticité extrêmement élevée et une force mécanique. Les valeurs de luminosité, de durabilité, de force mécanique et de thermalité font d'Agriterm® une excellente couverture adaptée à toutes les cultures dans les zones géographiques au climat tempéré (région méditerranéenne ou similaire).



Agritem®

can be provided with Antidrip treatment and with reference to EN 13206 on its lifetimes, can be produced in the following versions:

AGRITERM®

B

AGRITERM® LONG LIFE

D

AGRITERM® LONG LIFE PLUS

E





Agriterm®

Thickness μm 200 - Width mt. various

| | PROPERTY | UNIT | VALUE | TEST METHOD |
|--------------------------------|----------------------------------------|-------------------|-------------|------------------|
| DIMENSIONAL PROPERTIES | Nominal thickness tolerance: | | | |
| | Average thickness | μm | $\pm 5\%$ | ISO 4591 |
| | Point to point thickness | μm | $\pm 15\%$ | ISO 4593 |
| | Width tolerance | mm | 0% +2% | ISO 4592 |
| MECHANICAL PROPERTIES | Tensile strenght at break MD + TD | N/mm ² | ≥ 20 | EN ISO 527-3 |
| | Elongation at break MD + TD | % | ≥ 550 | EN ISO 527-3 |
| | Tear resistance (Elmendorf) | N | ≥ 20 | ISO 6383-2 |
| | Dart drop test - Zone flat | gr | ≥ 700 | ISO 7765-1 A |
| | Zone fold | gr | ≥ 550 | ISO 7765-1 A |
| THERMAL AND OPTICAL PROPERTIES | Total visible light emission | % | ≥ 88 | EN 2155-5 |
| | Diffused light | % | ≤ 25 | EN 2155-5 |
| | IR 7,5/12,5 micron (greenhouse effect) | % | ≥ 63 | EN 13206 |
| OTHER PROPERTIES | Elongation at break after exposition | % | $\geq 50\%$ | ISO 4892-2 |
| DURATION | Class of film | | D | EN 13206 |
| | Duration (hours) | hours | ≥ 6800 | ISO 4892-2 |
| | Expected life-time | months | 36 | area 70-100 kLy |
| | | months | 33 | area 100-130 kLy |
| | | months | 24 | area 130-160 kLy |

Attention The data are referred to the film tested before the use. The lifetime expected can be negatively affected by an incorrect cladding operation and/or use of pesticides containing halogen -based compounds and/or heavy metals (as sulphur, chlorine, bromine, copper, zinc, iron, etc). In this respect we advise you to carefully read our instructions for a correct use of LDPE-EVA-LLDPE-POLIAMMIDE films.

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