

Our commitments

This commercial sheet has no contractual value. Information and photos we provide do not commit us, except technical specifications in accordance with the NF EN13206 standard.

Only our F.I.C.C.U. : Information, Tips and Operating Instructions Sheet (products on stock) and/or our specification note (specific products) determines the content and the limits of our commitment concerning the technical characteristics of our products.

Our F.I.C.C.U. (Information, Tips and Operating Instructions Sheet) can be obtained from your supplier.

You can get this F.I.C.C.U. by writing to the following email address: agricole@barbiergroup.com or on our website www.barbiergroup.com

Our recommendations

You should never order or use our film:

- without taking into account our Information, Tips and Operating Instructions Sheet.
- without having talked with your supplier about our product and about the specific conditions of your cultivation.

Serving the agricultural sector for over 60 years, the BARBIER Group offers a complete range of films specialized in plasticulture and at the state of art of technology.

The BARBIER Group is today the leading French extruder and one of the main European extruders.

The BARBIER Group is working in close collaboration with official institutes (INRA, CEMAGREF, CTIFL, test stations, Chambers of Agriculture...).



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Website : www.barbiergroup.com

Groupe
Barbier
Plastic solutions

GEMME® Premium

150H/600H

CLEAR THERMAL FILM EN13206 CLASS C



Product *advantages*

- ⇒ Very high light transmission
- ⇒ High rate of direct light
- ⇒ Thermal
- ⇒ Available in Anti-Drop version



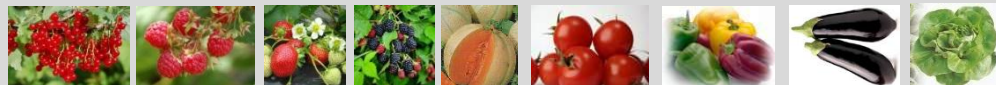
The reference for greenhouses thermal films.



Groupe
Barbier
Plastic solutions

GEMME® Premium

is a clear thermal film.
It is particularly suited to crops
that need a lot of light.

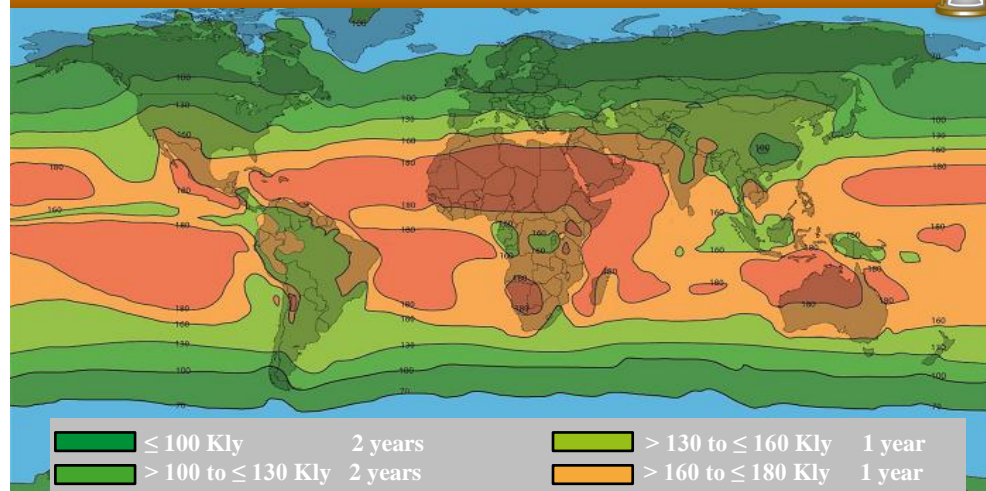


Warning : the use of GEMME® Premium is not recommended in very bright areas or/and for crops sensitive to direct light.

Technical Specifications (for a new film)

| | GEMME® Premium | Requirements EN 13206 | Test method |
|---------------------------|----------------------|-----------------------|--------------------|
| Class of film | C | | EN13206 (§ 6) |
| Thickness | 150 µ / 600 g | | ISO4591 et ISO4593 |
| Global Light Transmission | > 90% | ≥ 88% | ASTDM 1003 |
| Haze | < 20% | ≤ 35% | ASTDM 1003 |
| Lightness | > 95% | | ASTDM 1003 |
| Thermal efficiency (IR) | ≥ 70% | ≥ 75% | EN 13206 (§ 8.8) |

Expected lifetime depending on the geographic area



N.C. : Contact us for more information*

For more information concerning our greenhouse films please ask for our INFORMATION, TIPS AND OPERATING INSTRUCTIONS SHEET to your distributor or to the email address: agricole@barbierrgroup.com or on our website www.barbierrgroup.com.

This map has only an indicative value. To know the exact exposure to solar radiation for your area of use, please consult your local weather station.

Mechanical Resistance

Thanks to the choices of high quality raw materials and to our 3 and 5 layers manufacturing processes, GEMME® Premium complies with the EN13206 standard requirements.

Lifespan : 2 years for < 130 Kly/year

Film Class C
Pesticide resistance : 1500 ppm of sulfur and 100 ppm of chlorine

The highest light transmission *

The film allows more than 90 % of visible light to pass.
Yields are increased (better photosynthesis).
** Among the BARBIER range*

High rate of direct light

Exellent for very early or winter crops.
For spring or summer sensitive crops, please use a diffusing film.

Good thermicity

The film keeps the night the heat accumulated during daytime.
Earliness is enhanced, the plant is less stressed.

Anti-drop effect option available

On demand, GEMME® Premium is available in Anti-Drop version.

Easy unfolding for large widths

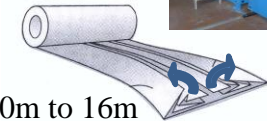
Our foldings and options



1m to 4m



4m to 11m



10m to 16m

We can cut our films on demand.

Individual cuts for covering in the length (tunnel, span, multi-span, canarian).

For more information, please contact us.