

Implementation Tips

**Coupled with our Isolstar™ Press net replacement film**  
Minimum 4 layers on round bales (2 + 2), 6 layers recommended (2 + 2 + 2).  
6 layers on square bales (2 + 2 + 2).

**Coupled with net or twine**  
6 layers minimum on round bales (2+2+2).  
8 layers on square bales (2+2+2+2).

**Continuous wrapping (inline wrapping)**  
8 layers minimum (2+2+2+2).  
Preferably use a 25µ film with high resistance in white or light green colour.



Our Commitments

This commercial document has no contractual value. The information and photographs contained therein are not binding except the appreciated technical specifications in accordance with the EN14932 standard.  
**Only our F.I.C.C.U: Information Sheet, Tips and User Instructions (product catalogue) and / or our specifications (specific products) determines the content and the limits of our commitments regarding the technical features of our products.**

Our F.I.C.C.U. (Information Sheet, Tips and User Instructions) can be obtained from your supplier.  
You can also contact us via the email address: [agricole@barbiergroup.com](mailto:agricole@barbiergroup.com) or on our website [www.barbiergroup.com](http://www.barbiergroup.com)

Our Recommendations

We recommend that before you order and use our films please:

- Read our Information Sheet, Tips and User Instructions.
- Discuss with your supplier our products for your specific operating conditions.

Serving the agricultural sector for 60 years, The BARBIER Group offers a complete range of specialized plastic films at the forefront of technology. The BARBIER Group is now the leading French extruder and one of the European leaders

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ensibal™

EXPERT



+ resistant



+ air tight



12 months



Ecoconception



+26%

+ 400 meters of film per roll



## The professional wrapping film

Special 3D &  
Combi machines  
750 mm x 1900 m



- ★ Wrapping film 7 layers blown
- ★ High strength film
- ★ Suitable for large flow wrappers
- ★ High adhesion
- ★ High tear strength and puncture resistance
- ★ Very strong elastic memory
- ★ UV protection of 12 months to a maximum of 180 Kly (Class B)

**ensibal™ Expert** is free from heavy metals

## Technical Specifications

	Values	Test Method
Thickness	21 microns	ISO 4591 et ISO 4593
Width	750 mm	ISO 4592
Roll Length	1900 m	§9.4EN14932
Traction Resistance	SL>30 MPa / ST >25MPa	EN ISO 527-1 EN ISO 527-3
Elongation %	SL>400% / ST >600%	
DART TEST	500g	EN ISO 7765-1 : 2004 Méthode A
Sealing	> 4 mBars	BARBIER Test

## Some tips for successful wrapping

### BEFORE WRAPPING:

Cutting grass between early blooming and the total flowering. The DM rate must be 40% and 55%, limit wilting to 36 hours.

It is crucial that there is no trace of soil in the bale

For a well-formed bale windrows should be uniform in density and size.

Particular attention should be paid to the density and DM level so the silage keeps a good quality and the bale remains well formed during a long period.

### THE WRAP :

Wrap the bales within 2 hours after baling. Pre-stretch film **ensibal™ Expert** 50% and 70%. A line drawn horizontally 10 cm on the film should reach between 15 and 17 cm after pre-stretch.

Centre the film with the middle of the bale, covering the preceding layer by at least 50%.

The bale should be evenly and completely covered. If for any reason a recovery of the bale can not be obtained, then another two layers must be added.

Remember that in some cases, a larger number of layers is required in order to effectively protect the contents of the bale. This may possibly be the case when silage contains a lot of hard fibres, when the DM level is too low or the shape of the bale is poor. Particular attention must be paid to square bales that are more difficult to wrap.

A malformed bale or have too low a DM rate must be wrapped by at least 6 layers.

Make sure the outside of the film on the reel becomes the inside of the film on the bale.

It is strictly not recommended to wrap in the rain (moisture reduces tackiness of the film).

### THE STORAGE OF THE BALES:

Bales should be transported and stored immediately after wrapping. Limit as much as possible manipulation and transport of wrapped bales.. Wrapping close to the final storage location in order to reduce handling and transport, which may damage the film.

Any damage occurred to the film must be immediately repaired using a UV-resistant adhesive tape or by rewinding the bale.

Store bales for a maximum of one season. The ideal is to choose a storage place where the bales will be monitored regularly, store on a site without gravel or stone, well drained, preferably away from trees and hedges.

Bales should be stored at least 10 m away from a watercourse.

Protect against birds by covering a bird netting.



Benefit from our 25 years  
experience of production  
of wrapping films