

# Field trials

Trials done by the ILVO (Instituut voor Landbouw – en Visserijonderzoek / Institute for the agricultural and fish research) in Belgium have established that bales wrapped with the Film & Film wrapping system have an average periphery 2 cm lower compared to the bales wrapped with the traditional system using netwrap and film: forage is more compact, 10% more dense\*.

The bales wrapped using the Stretch Wrap film and the net replacement film, stored for more than one year, show over 54% lower losses on average, compared to the bales wrapped with the traditional system using netwrap and wrapping film.\*

Other trials done on farm by Silage Solutions LTD in the United Kingdom have shown a better seal for the Net Replacement Film, a much lower mould surface and a lower loss of Dry Matter. The use of a Net Replacement Film increases on average the Dry Matter quantity of 5.7 kg per bale, corresponding to an additional 15 litres of milk production for the dairy farmers and 1.9 kg of meat for beef farmers.\*\*

\*Source: tested in the field, 2014, Forage Matters  
 \*\*Non contractual information.

# 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 EN14932 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](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 fact sheet, advice and usage.
- 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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# Isolstar™

# PRESS



**Special Machines**  
 New Generation Combi

**Product *benefits***

- ➔ **Highly resistant film** 
- ➔ **Increased level of protection to oxygen.** 



## Net replacement film for wrapping professionals

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### Net replacement blown film



**High Strength, Puncture Resistant Film**  
Better compression of wrapping bales

**Film with an adhesive face**



**Additional air barrier**  
(in addition to wrapping film)

**Ease of collection and recycling after use:**  
one stream to manage

Special Machines  
Combi/3D  
New Generation



According to the nature of the forage to be ensiled, and to the pressure you have set in the compression chamber, you can choose versions of our net replacement film.

	Chamber pressure	Width
Non-stemmy forage Grass, clover,...	< 25 Bars	1m28
Maize / Pulp / ...	>25 Bars	1m38

The Isolstar™ Press film should not be applied to hay or straw, and should only be used with a film designed to achieve wrapping. **This film is not UV stabilised. It must not in any case be used alone.**

## Technical Specifications

	Values	Test Methods
Thickness	15 microns	ISO 4591 et ISO 4593
Length of Roll	2,000 m	

## Use and benefits of the Isolstar™ Press Film

It is now possible to wrap bales without using net wrap.

**Isolstar™ Press** is a polythene film used to replace net wrap. It can be used for the conservation of different types of forage (grass, maize, sugar beet, whole crop...). For another use, please ask your distributor.



New Generation Mixed (Combi?) wrappers are able to apply net replacement film. The combination of a high quality 5-layer wrapping film together with **Isolstar™ Press** makes bale wrapping easier.

The **Isolstar™ Press** Net Replacement film applied in 3 layers, associated with a blown wrapping film applied in 4 layers provides very good forage conservation.

The compression of the bale is optimal. Bales made with **Isolstar™ Press** Net Replacement Film are more stable, dense and compact. **The Isolstar™ Press** Net Replacement Film covers the bale from one side to the other which provides additional protection. The wrapped bales retain their shape better than with a net.

Silage losses are reduced because there is no silage entangled in the mesh compared to net wrap. The bale opening is easier and faster. Handling and feeding bales are easier too.

The Film on Film system produces better quality silage with the highest density bales. The oxygen seal is improved because there is more film applied on the cylindrical face of the bale. The fermentation process is faster with less Dry Matter losses. While net wrap continues to stretch after baling, **Isolstar™ Press** Net Replacement Film maintains the pressure applied to the bale during wrapping. Increased compaction of the harvested forage enables more efficient storage of the crop.



Recycling is easy because the **Isolstar™ Press** Net Replacement Film is made with the same materials as the wrapping film. It is not necessary to separate it from the wrapping film for recycling.

**Our recommendation:** use the **Isolstar™ Press** Film with our Expert film

Expert

★★★★★★



Benefit from our experience of more than 25 years in the production of wrapping film