

XtraCover Instructions



JOHN DEERE

STORAGE

- Store John Deere XtraCover horizontally in its original protective packaging, in a dry place out of direct sunlight.
- Any rolls left on the baler overnight should be covered to protect them from moisture.
- Avoid storing the rolls below 0°C and above 35°C
- For optimal adhesive properties, store rolls at a temperature between 15°C and 25°C 24 hours prior to use.

BALER PREPARATION AND LOADING OF THE ROLLS

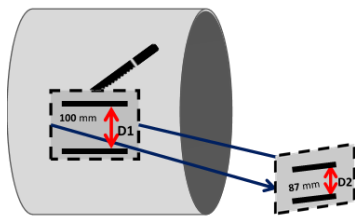
- Check that all rollers on the baler (that come into contact with the film before it enters the bale chamber) are clean and free from damage.
- Should the film be damaged when it is applied to the bale, check if there is no obstruction in the bale chamber and clean the bale chamber rollers. Sand off any burrs.
- If the bale chamber rollers damage the film on the bale during the opening of the chamber, check if the lower roller clutch works properly (if equipped) and if chamber opens fast enough.
- Take care when handling and installing rolls in order to not damage them.
- As each roll weighs above 40 kg, the baler film is advised to be lifted with 2 persons or use a lifting tool.
- Load John Deere XtraCover rolls in the correct unwind direction as indicated by the unwind direction indicator printed on the sleeve. The John Deere XtraCover roll must be placed centrally in the intake unit so that the centre of the roll aligns with the middle of the bale.
- John Deere XtraCover rolls should only be removed from protective packaging immediately prior to use. Open the sleeve by tearing across the pack seam. Remove the protective cardboard discs.
- Follow the film path as indicated on the baler diagram. Be sure the baler is safely shut off and cannot be started during this time.

STRETCH LEVEL AND NECK-IN

- The recommended stretch level of the John Deere XtraCover is 15%. Set the baler to obtain the required stretch percentage.
- Check the stretch percentage certainly at the beginning of the wrapping season and re-check a few times during the season and re-check when any doubt or malfunction of the tension/stretch equipment.

To check the stretch % you can use the following measuring method:

- Set the number of revolutions/layers to 7 to avoid there is any expansion of the bale
- transfer the bale secured with **John Deere XtraCover** onto the wrapping table
- To avoid injuries ensure that the wrapping process cannot be started!
- mark 2 horizontal lines 100mm away from each other (=D1) in the middle of the bale away from the film's end



- cut out a piece of the **John Deere XtraCover** layers around the two horizontal lines
- leave the cut-out piece of **John Deere XtraCover** for a minimum 3 minutes
- in the meantime wrap the bale with stretchfilm on the Balewrapper
- measure the distance in mm between the two lines =D2)
- the stretch % is calculated as follows:

.. $D1/D2 = 1, XX \Rightarrow XX = \text{stretch \%}$.

.. Example = $100\text{mm}/87\text{mm} = 1.15 \Rightarrow 15\% \text{ stretch}$

Distance between lines	Stretch %
8.3 cm	20 %
8.4 cm	19 %
8.5 cm	17.5 %
8.6 cm	16 %
8.7 cm	15 %
8.8 cm	13.5 %
8.9 cm	12 %
9.0 cm	11 %
9.1 cm	10 %

- The John Deere XtraCover film width is 1380mm. The neck-in depends on the stretch percentage, but is also influenced by the ambient temperature.
- After tensioning the John Deere XtraCover film at the correct stretch, the film should neck-in to a film between a minimum of 1330 mm and a maximum of 1370 mm on entering the bale chamber. If this is not the case, the film is under or over stretched. In this case, please check the stretch percentage
- The neck-in must never be more than 50mm.

NUMBER OF LAYERS

The number of layers will depend on the baled product, machine and circumstances as well as the individual preferences of the user.

For grass bales with diameter of 125cm, we recommend to always use a minimum of 3.0 layers.

Add an extra layer in difficult conditions, for example:

- when the bale will be handled multiple times
- when the weight of the bale increases
- when you move to higher diameter bales ($\geq 1,3\text{m}$)
- grass with extremely low dry matter content ($\text{DM} < 30\%$)
- grass with high dry matter content (haylage) ($\text{DM} > 60\%$)
- when you move to the maximum chamber pressure setting ($> 80\%$)
- with extremely stemmy crop material

Extreme conditions or a combination of several difficult conditions may require a further increase in number of layers

We recommend to check the shape of the bales at the start of baling and if necessary adapt the number of layers.

These are general guidelines. Always check the recommendations for your baler and circumstances with your machinery supplier.

WRAPPING

John Deere XtraCover is not UV stabilised. This means that a bale covered with this film must always be wrapped afterwards with a coloured silage stretchfilm.

For the best result, we recommend the use of John Deere XtraFilm on the balewrapper as these films offer the correct tightening and cling force to obtain an air and water tight bale. 6 layers of balewrap with an overlap of minimum 50% are recommended for optimum silage quality.

DISPOSAL

As John Deere XtraCover is a polyethylene film, it can, after use, be recycled along with silage stretchfilm. There is no need to separate and segregate these films when they are removed from the bale thereby saving time and labour.

In case of a problem stop immediately and contact the distributor