



**MASSEY FERGUSON**

# CROP PACKAGING PRODUCTS



**MASSEY FERGUSON**  
No compromise when time is of the essence.

# NO COMPROMISE WHEN TIME IS OF THE ESSENCE.



At Massey Ferguson, we understand the workload farmers deal with and our balers are ready for the challenge. We don't compromise on reliability or efficiency so that no time is wasted when you are baling. We investigate every detail that affects baler performance, including crop packaging products.





Good quality wrap and twine are essential for successful baling. They secure the bale and keep it in the right condition for transport, storage and use. Our range of crop packaging products is designed specifically to deliver the best results with our balers so you don't have to make any compromises.

Our crop packaging products are developed in partnership with Tama, the industry leading specialists in crop packaging, who share our belief in no compromises to deliver the best netwrap and twine for you.





Our priorities are reliability and efficiency, so you can expect the following from our wraps and twines:

	<b>Fewer stoppages</b> <p>Massey Ferguson netwrap and twine are made from advanced materials and designed specifically for our machines, reducing the number of avoidable stoppages</p>		<b>More bales</b> <p>We can provide long rolls and spools because we use strong, lightweight material. For you, this means longer operating periods before changeovers so you can spend more time baling</p>
	<b>Easy to use</b> <p>All our netwraps and twines produce strong, high-quality bales that are easy to handle, store and use. We make sure that our bales keep crops in the optimum condition for as long as possible</p>		<b>Strong, high-quality bales</b> <p>We aim to make sure changeovers are as seamless as possible, with easy to handle products that help you avoid mistakes so you can continue baling with no time lost</p>

# MASSEY FERGUSON+™ NETWRAP FOR ROUND BALING

Our netwrap saves you time from the moment you load the roll until you unwrap the bale. Cutting-edge materials and design solve problems before they occur, leaving you with more time to focus on the important things for your farm and your life.

The latest Massey Ferguson+ technology is now available in three different lengths for your convenience. Available lengths include 2800m, 3800m and 4500m.







## Technical Summary



Product Name	Massey Ferguson+	Massey Ferguson+	Massey Ferguson+
Roll Length	2,800m	3,800m	4,500m
Roll Width	123cm	123cm	123cm
Colour	Black - white	Black - white	Black - white
Featured Technology	Premium+	Premium+	Premium+
Pallet Dimensions	92 x 125cm	112 x 125cm	112 x 125cm
Rolls Per Pallet	36	28	28
Pallet Height	220cm	196cm	209cm

Our priorities are reliability and efficiency, so you can expect the following from our wraps:

	<p><b>Fewer stoppages</b></p> <p>Our netwrap will not let you down. Excellent feeding and cutting for a smooth working experience</p> <p>The roll-end warning stripe alerts operators so they do not bale without net in the baler, avoiding needless downtime.</p>		<p><b>More bales</b></p> <p>Choose the 4500-metre option for longer operating periods and more bales from each roll</p>
	<p><b>Easy to use</b></p> <p>Asymmetrical Zebra® marking provides a clear left/right sign for the baler operator when loading the roll. The same marking also shows the unwrap direction when the bale is used</p> <p>Convenient carry handles and lightweight rolls are easy to carry and load</p>		<p><b>Strong, high-quality bales</b></p> <p>Edge to Edge™ technology ensures the netwrap covers the whole width of the bale. This protects the crop and prevents losses during handling and storage</p>



For best baling results, it is recommended to follow this general guide. The minimum recommended layers of net, on whole surface bale:

**Silage- At least 2.5 full wraps on the bale surface**

**Hay - At least 3.5 full wraps on the bale surface**

**Straw- At least 4.5 full wraps on the bale surface**

		Roll Length		
Roll Diameter	Number of wraps per bale	2800 m	3800 m	4500m
Bale Diameter 1.2 (m)	2.5 of wraps per bale	271	368	435
Bale Diameter 1.2 (m)	3.5 of wraps per bale	193	262	311
Bale Diameter 1.8 (m)	2.5 of wraps per bale	181	246	290
Bale Diameter 1.8 (m)	3.5 of wraps per bale	129	175	207
Bale Diameter 1.8 (m)	4.0 of wraps per bale	113	154	181



# NETWRAP TECHNOLOGY



## BEST PRACTICE

Be sure to check that the net is ALL on the bale surface, and not inside.

Make sure the baler is stopped moving BEFORE netwrap begins to feed.

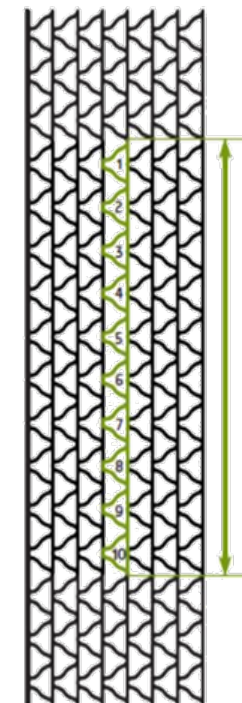


For the netwrap to perform correctly – to feed uniformly, spread full width on the bale and be able to cut cleanly at the end of the wrapping cycle – it is critical the netwrap is under correct tension.

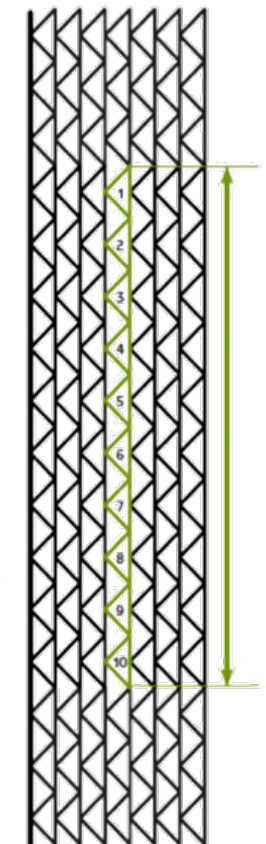
**This can be checked easily during operation**

- Count 10 tri-angles on the net roll before loading the roll and note the measurement.
- Count 10 tri-angles on the bale surface (do not loose the tail of the net) and note this measurement
- Measurement #2 should be >5% and <10% longer than measurement #1.

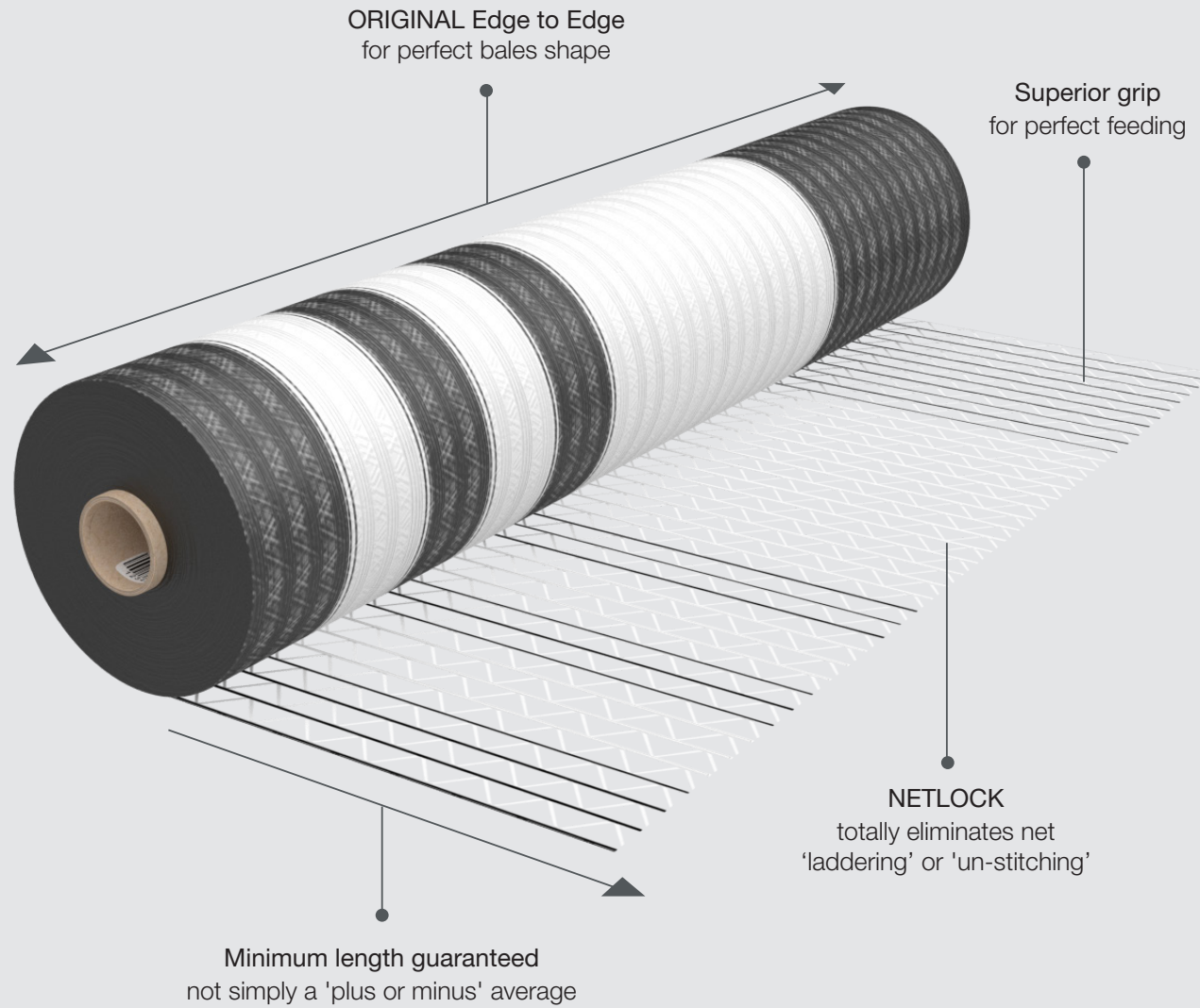
10 Δ before baling



10 Δ after baling



## NETWRAP FEATURES & BENEFITS



# MASSEY FERGUSON TWINE FOR LARGE SQUARE BALING.

Time is critical when you need to clear crops from large areas in one day. Massey Ferguson balers and twine are designed for long operating periods in tough conditions. With few problems, breakages and stoppages, you can plan your baling with confidence.





## Technical Summary



Product Name	Massey Ferguson LSB Max	Massey Ferguson LSB Long	Massey Ferguson LSB Power	Massey Ferguson HD Extra	Massey Ferguson HD Prime	Massey Ferguson HD Ultra
Pack Length	3,200m	3,000m	2,800m	2,600m	2,200m	900m per spool
Colour	White	White	White	White	White	White
Packs Per Pallet	56	56	56	40	40	72 single spools
Pallet Dimensions	115 x 115cm	115 x 115cm	115 x 115cm	115 x 115cm	116 x 116cm	120 x 90cm
Pallet Height	± 2.32m	± 2.32m	± 2.32m	± 1.80m	± 1.80m	± 2.2m



Our priorities are reliability and efficiency, so you can expect the following from our wraps and twines:

	<p><b>Fewer stoppages</b></p> <p>Advanced design allows twine to travel smoothly through the baler and knotting mechanism without problems</p> <p>Well-formed knots and no slippage</p>		<p><b>More bales</b></p> <p>Advanced technology enables us to supply the right strength for the job, in a longer pack length. So you get more bales from each fully loaded baler</p>
	<p><b>Easy to use</b></p> <p>Pick the option best suited to your particular baler, crop and conditions</p> <p>At lower densities with less power needed, go for the longer length</p>		<p><b>Strong, high-quality bales</b></p> <p>The full range includes twines suited to each application from the lowest to the most extreme high density bales</p>



## International Baler Twine Segmentation

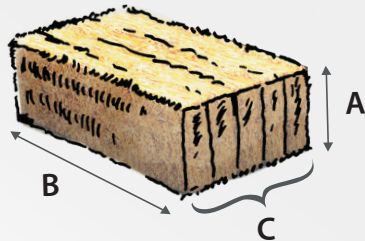
<p><b>LSB Max 3200m/pack</b></p> <p>Maximum spool length for the lowest density bales. Suitable for use in all balers.</p>	<p><b>LSB Long 3000m/pack</b></p> <p>For standard density bales. Suitable for use with all crops in normal baling conditions.</p>	<p><b>LSB Power 2800m/pack</b></p> <p>For all high-density bales. The best performing option for high density bales in normal baling conditions.</p>	<p><b>HD Extra 2600m/pack</b></p> <p>Suitable for making very high density bales and for baling in the toughest conditions of high temperature and low humidity.</p>	<p><b>HD Prime 2200m/pack</b></p> <p>Suitable for making 'extreme' density bales and for baling in the toughest conditions of high temperature and low humidity.</p>	<p><b>HD Ultra 900m/spool</b></p> <p>Specially designed for the 2370 Balers, to bale Ultra density bales.</p>
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Baler Model	Width	Height	Number of Knotters	Knottor Type	Forage		Straw	
					Standard	Extreme	Standard	Extreme
2240	80	70	4	Double	●	●	●	●
2250	80	90	4	Double	●	●	●	●
2260	120	70	6	Double	●	●	●	●
2270	120	90	6	Double	●	●	●	●
2270 XD	120	90	6	Double	●	●	●	●
2290	120	130	6	Double	●	●	●	●
2370	120	90	6	Double	●*	●*	●*	●*

\* Recommended twine is HD Ultra twine

# HOW MUCH TWINE DO YOU NEED?

**Calculate how much twine you need per season:**



A= Bale height  
B= Bale width  
C= Number of Knotters

$$(A + B) \times 2 = X \text{ (perimeter of the bale)}$$

$$X \times C \text{ (number of knotters)} = Y \text{ (total twine per bale)}$$

$$Y \times \text{bales per year to be made} = Z \text{ (total twine needed per season)}$$

TOTAL metres of twine per season \_\_\_\_\_ m

**Total metres of twine per season**

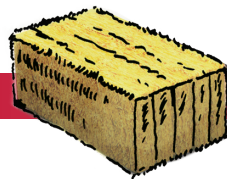
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**Pack length**

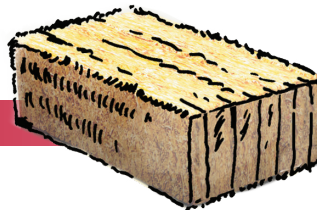
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**TOTAL PACKS NEEDED PER SEASON**

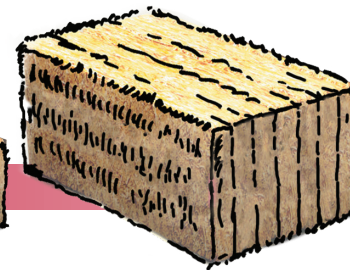
This is approximately how much twine is used per bale, for these three typical examples:



0.8m x 1.5m  
4 string =  
approximately 18.4m/bale



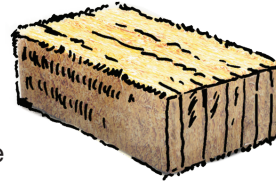
0.9m x 2.4m  
6 string =  
approximately 39.6m/bale



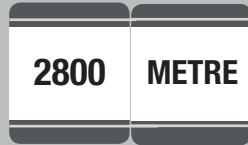
1.2m x 2.4m  
6 string =  
approximately 43.2m/bale

# CALCULATE THE NUMBER OF BALES YOU GET PER PACK:

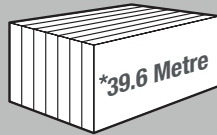
\* Based on typical bale:  
 0.9m x 2.4m  
 6 string =  
 approximately 39.6m/bale



**Massey Ferguson LSB Power 2800**



per 2-spool pack



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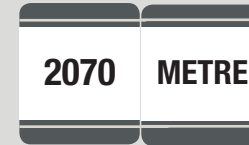
**71** Bales per pack

\* Represent the total length of twine on the bale

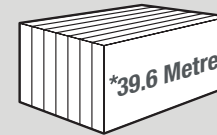
VS



**Traditional Type 130**



per 2-spool pack



=

**52** Bales per pack

\* Represent the total length of twine on the bale

Pack Metres  
 Divide  
 Total twine per bale  
 Equals





\* Data refers to 6 knotter machines! Depending on the pressure and crop, the dimensions may vary slightly.

# AGCO PARTS STRETCHFILM FOR SILAGE BALES

Wrap forage with confidence to keep the crop in optimum condition



Our priorities are reliability and efficiency, so you can expect the following from our stretchwraps:

	<b>Fewer stoppages</b>		<b>More bales</b>
	Consistently wraps and seals without problems		Economical with maximum bale per roll
	<b>Easy to use</b>		<b>Strong, high-quality bales</b>
	No hassle loading Excellent operator safety		Exceptional puncture and tear resistance Silage maintains quality for longer

## Technical Summary

Width	Length	Thickness	Colour	Rolls per pallet
750 mm	1,500m	25µ	White / Green	40
500 mm	1,800m	25µ	White / Green	48



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