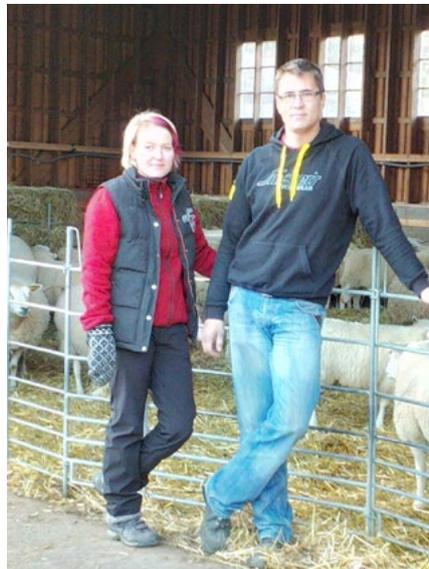


# Case Study:

## Syrjälän Lammastilan, Tammela, Finland.



Located in Porras in the municipality of Tammela, Finland the Syjjalan Lammastilan business comprises an organic sheep farm in addition to a thriving wool venture. Operated by Katja Siheonen and Hanni Pekka Syrjälän, the business is located on land that has been in continuous use as a farm since 1573. Katja and Hanni are the 19th generation of farmers to have worked the land and they oversaw its successful transformation to a sheep farm in 2010.

Both Texel and Blue Texel sheep are bred on the farm to produce muscular, well defined organic lamb which is supplied directly to local customers as well as to the meat trade. Additionally, an innovative range of wool yarns, sheepskins and hand-crafted goods are sold via the farm shop while ungraded wool is supplied to customers abroad.

This 100% organic farm currently has 350 breeding ewes and produces 100 hectares of grain in addition to growing 100 hectares of grass for winter silage. The herd live outside from May to October following which they are taken in for the winter months.

In order to provide sufficient winter forage Hanni produces 1000 grass silage bales annually using a recently acquired Vicon RF2235 3D satellite wrapper. Grass is harvested early as young grass has greater nutritive value for the young sheep in the herd. Hanni and Katja prefer to

produce their own bales as it gives them greater control over the grass harvest. By balewrapping themselves as they can react quickly when the crop is ready and don't have to wait for a contractor to become available.

In 2015 they used Silotite 5 Layer Technology white stretchfilm for the first time and found it to perform better than their previous film. They could see a difference in the quality of the film and found that it ran consistently well on the balewrapper to produce compact bales with an excellent shape.

Hanni applied 8 layers of Silotite to each bale in order to produce the ideal ensiling environment within the bales which are stored for 8 – 9 months prior to opening. The application of 8 layers also ensures that the bales better resist damage during handling and storage.

Following the wilting period, the grass was finely chopped by the 24 knives on the Vicon balewrapper and bound with 2.5 layers of netwrap prior to wrapping. After wrapping was completed the 1.2m bales (which averagely weighed 550kgs) were immediately moved from the field (with a Unigrab) to a designated storage area where they were stacked 3 high on a level, well drained surface.

*“During balewrapping we found Silotite to have good mechanical strength and to run well on the wrapper.”* commented Hanni. Katja continued: *“It protected the bales very well during storage and importantly, the silage produced using Silotite had good nutritive value for the herd.”*



The seal of excellence



## Silotite – The ideal choice for trouble-free balewrapping

### › Suitable for all balewrappers

Silotite 5 Layer technology balewrap is suitable for use on all types of balewrappers including modern, complex machinery. Its consistently reliable, trouble-free performance enhances wrapping efficiency and throughput.

### › High puncture & tear resistance

The exceptional puncture and tear resistance of Silotite 5 Layer technology balewrap enables the film to cope well with the impact of the shoots and stalks associated with stemmy forage crops used for silage and haylage.

### › Greater resistance to oxygen ingress

The need to create the best possible air barrier is paramount to good crop fermentation. Thanks to its 5 Layer construction Silotite provides a highly effective barrier that impedes oxygen ingress.

### › Consistently good elasticity

Silotite 5 Layer technology balewrap has the high strength and flexibility to retain good bale shape post wrapping and throughout the storage period.

### › Optimum adhesion level

Silotite's optimised adhesive seals the bale effectively to help generate ideal anaerobic conditions. As well as enabling day and night wrapping this effective adhesive leaves almost no residue on the pre-stretch rollers.

### › UV protection in all climates

Silotite is manufactured to suit the various climatic conditions of the world. This ensures that Silotite can withstand extremes of temperature to keep bales safe and secure during storage.

### › Certified to SP Standard

Silotite has been assessed and certified under SP Certificate number: 14 23 01 by the SP Technical Institute of Sweden – a leading international research institute. Certification involves a comprehensive examination of both the manufacturing processes and the finished product to ensure rigorous production standards.

### › Environmentally friendlier

Silotite is 100% recyclable. It can be recycled for use in a range of products from refuse sacks to street furniture. Additionally, it can be reprocessed for energy where incinerator facilities exist.

### Technical specifications

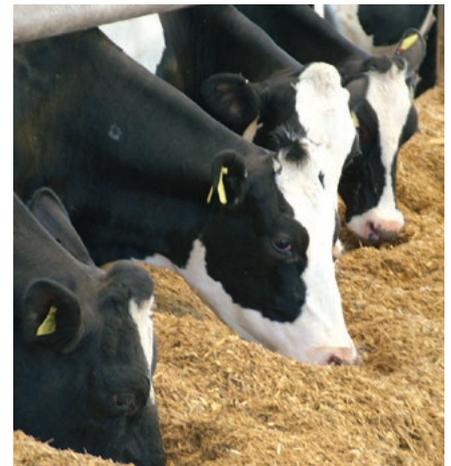
Width (mm)	Thickness (µm)	Length (m)	Pallet Dimensions (cm)	Reels per Pallet (pcs)	Pallet Height (m)
250	25	1800	112 x 112	64	± 1.28
360	25	1500	100 x 125	80	± 1.65
500	25	1800	108 x 108	48	± 1.65
750	25	1500	100 x 125	40	± 1.65
1000	25	1200	80 x 120	15	± 1.50

Silotite is manufactured in ISO 9001, ISO 14001 and OHSAS 18001 accredited manufacturing facilities.

### Silotite is available in:

Black		Green	
White		Olive	

In the unlikely event of a problem each reel of Silotite is individually labelled to ensure 100% traceability.



The seal of excellence

[www.silotite.com](http://www.silotite.com)

