

teno spin[®]

Creating your valuable silage
The full assortment



“If you want to produce premium feed, you also must rely on premium quality in terms of technology. We do not make any compromises!”

Lars Drewniok,
German Contractor



The value of silage

In many areas of agriculture, especially in milk and meat production, silage is the basic forage. Compared to other alternatives, silage is a cost-effective feed.

For this efficiency, however, the nutritional value of the silage is of great importance in the value chain in order to run a business economically.

Making high-quality silage and preserving the nutrient value of the plant material as good as possible is the foundation for sustainable baling.

Nothing affects your carbon footprint as much as feed losses. Additionally low losses save cost and contribute to animal performance and welfare.



10
good
reasons for
tenospin®

1 Tenospin films are regularly tested by independent research institutes and have been proven to enable excellent forage quality.

2 Multilayer blown films with premium strenght.

3 Perfectly sealed bales thanks to the high cling.

4 Very smooth outside with low friction slip layer construction allows secured bale handling and transport without surface damages

5 Better efficiency due to very high pre stretch level up to 80% – for tightly wrapped bales and more bales per hour.

6 Care for the environment and save resources thanks to material reduction and recycled content. All films, packaging and cores are fully recyclable.

7 Solutions for all wrappers, bale types and regions. Very weather-resistant thanks to our special cores - either plastic or waterprotected paper.

8 Technical service regarding all balewrap and silage questions in field.

9 Proven quality for trouble-free usage also under extreme conditions as e.g. high temperatures, windy, dusty environments and high humidity.

10 No compromises! Tenospin has been tried and tested globally for decades and will always be a reliable choice!



Crop baling solutions...

...for all applications, crops and machines

...by the sustainable leader when it comes to material usage and recycled content

Premium

quality guaranteed on all our products

Silage quality

proven by independent research institutes

Service

in and off field - worldwide

Efficiency

as focus in our product development

Sustainability

without compromising on performance or feed quality

Bale wrap guide
on tenospin.com

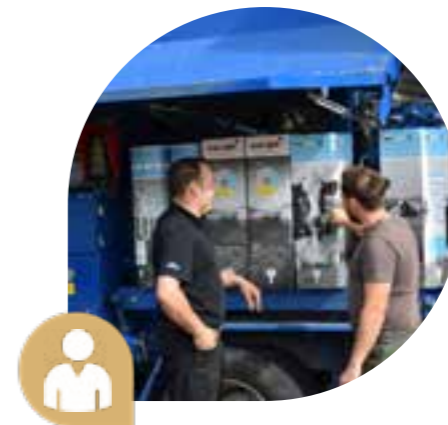
Mantle film for best film on film performance

Highest bale output in the market for mantle film

Film on film with our PlusTech products for perfect seal of the bales with high silage quality and optimal bale shape for easy bale handling and storage



Tried and tested



Technical support in field

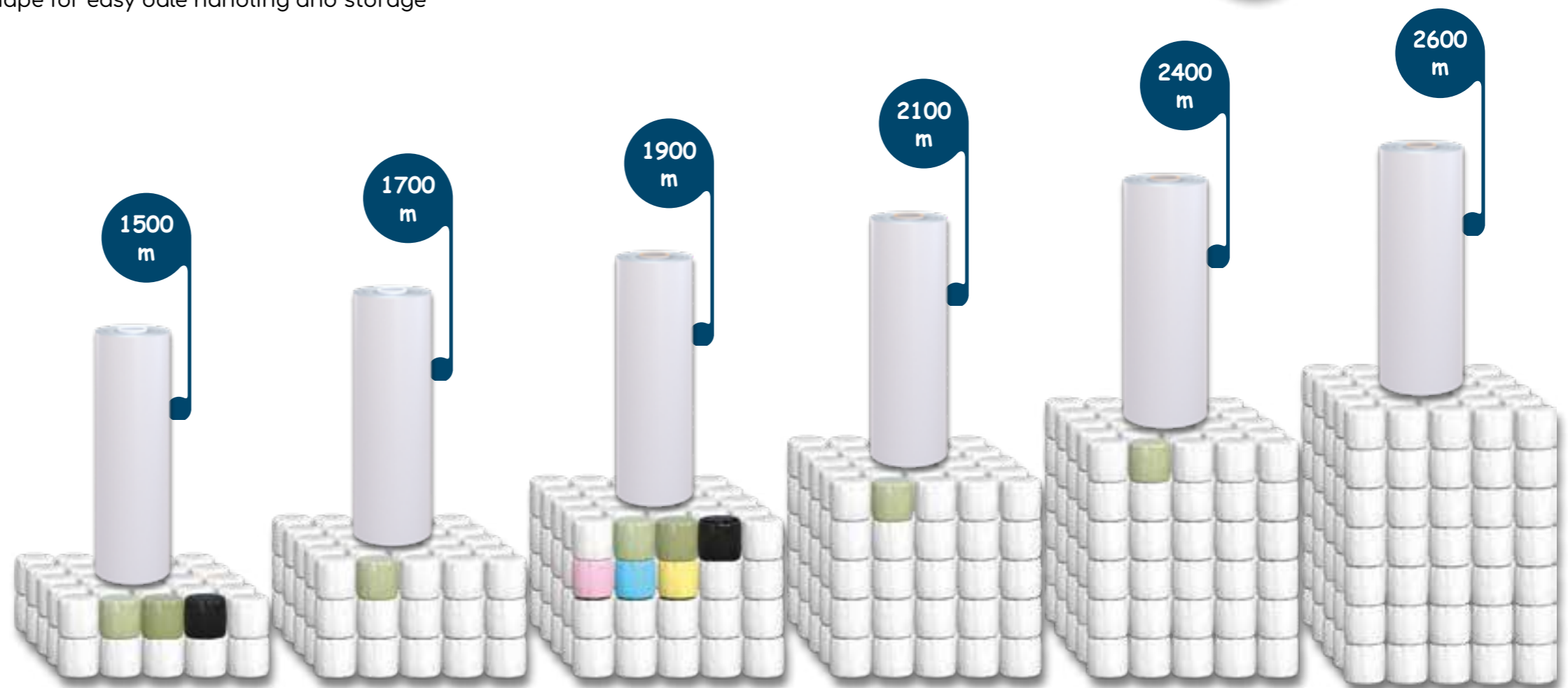


Proven silage quality

Bale wrap packaging options

Packaging alternatives for all different needs

Contractorwrap or the unique patented sleeve packaging for reduced waste and efficient baling





Best forage quality

is one of the most important conditions for animal welfare and performance. At the same time reducing fodder losses is the most effective way for reducing cost and environmental impact.



Low air permeability and the excellent adhesion

of the film layers guarantee permanently sealed bales and best feed quality for your animals



Tenospin offers high operational reliability

on your wrappers and improves the economic efficiency thanks to maximal pre-stretch levels up to 80%



Tenospin has been developed especially

for round and square bales, works on all wrappers and is UV protected for at least 12 months after wrapping, also in southern regions.

“No compromises when it comes to feed quality and wrapping!”



Best forage



Perfect seal



All bale types



Product data

Dimensions

500 x 0.025 mm x 1800 m
750 x 0.025 mm x 1500 m
750 x 0.025 mm x 1700 m
750 x 0.030 mm x 1200 m
750 x 0.030 mm x 1400 m
750 x 0.035 mm x 1000 m

Packaging

24 reels/pallet
15 reels/pallet
15 reels/pallet*
15 reels/pallet
15 reels/pallet*
15 reels/pallet

*Contractorwrap-Packaging

Colours



Want to learn more about Tenospin?
If yes, you can scan the QR code below.



tenospin loop



Contains a minimum
of 30% PCR
(post-consumer recyclates) –
Certified by RecyClass



Premium bale wrap
which decreases the carbon
footprint by at least 29%*



Tested regarding
silage quality
by independent research
institute



Enables a true loop
of recycled balewrap



Same mechanical
properties
and wrapping performance as
the regular Tenospin



Suitable for all types
of bales and wrappers

“No need for
compromises
when aiming
for more
sustainability.”



*LCA modeled in SimaPro using data from the ecoinvent inventory database. Reduction in impact
when comparing Tenospin loop 25 µ to Tenospin 25 µ.



>30% PCR

A true loop

All bale types

Product data

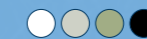
Dimensions

750 x 0.025 mm x 1500 m
750 x 0.025 mm x 1700 m
750 x 0.030 mm x 1400 m

Packaging

15 reels/pallet
15 reels/pallet*
15 reels/pallet*
*Contractorwrap-
Packaging

Colours



Certified by RecyClass

30% RECYCLED PLASTIC

*post-consumer origin

Want to learn more about Tenospin loop?
If yes, you can scan the QR code below.



teno spin⁺

1900 RS
2400 RS



Optimized for both round and square bales

in all sizes and suitable for all machine types!



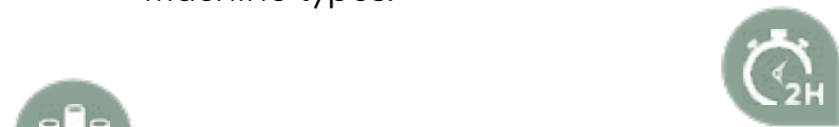
Less material usage per bale

saves cost and reduces the carbon footprint by at least 41%*

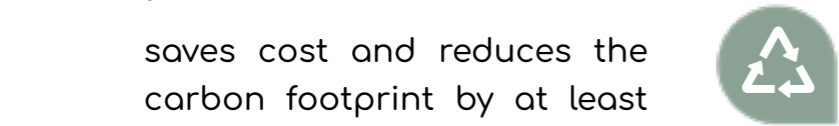


Proven with low silage losses

DM losses down to 1% proven by independent research!



More meters per reel
increase the output per day



Loop option available
based on 30% PCR, reducing the carbon footprint by 41%*

“This film goes thinner but with same or better performance than the 25μ!”



*LCA modeled in SimaPro using data from the ecoinvent inventory database. Reduction in impact when comparing Tenospin plus RS 21 μ (21 %) or loop version (41%) to Tenospin 25 μ.



Best forage



Higher efficiency



Saves money



Product data

Dimensions	Packaging
750 x 0.021 mm x 1900 m*	15 reels/pallet
750 x 0.021 mm x 2400 m	15 reels/pallet
Packaging: 1900 m - Box, Sleeve or Contractorwrap packaging solution	
2400 m - Only Contractorwrap packaging solution.	

* Available as loop, containing 30% PCR, RecyClass certified

Colours



Want to learn more about Tenospin+ RS?
If yes, you can scan the QR code below.



tenospin⁺ Charity Edition



Charity Edition

for breast cancer (pink), prostate cancer (blue) and childhood cancer (yellow).



High quality recipe

and production for best silage, including 30 % PCR (post-consumer recyclates).



Better efficiency and performance

due to 1900 m premium stretch film. Works for all bale types and on all machines.



Same quality and performance

as other Tenospin plus 1900 colours, just a different pigment in the film.



A donation is made

to a local cancer charity organization for each sold reel.



Raises awareness in field

due to the special colors.



“For each reel a guaranteed donation is made!”

Supports charity organisations

Guaranteed donation

Raises awareness



Product data

Dimensions
750 x 0.021 mm x 1900 m


Packaging
15 reels/pallet


Colours
● ● ●

Want to learn more about Tenospin+ Charity Edition?
If yes, you can scan the QR code below.



tenospin⁺ 2100 R 2600 R

 Optimized for highest efficiency
on round bales - up to 73% higher output.

 Proven with low silage losses
DM losses down to 1% proven by indepentend research!**

 Less material usage per bale
saves cost and reduces the carbon footprint by at least 43%*

 Patented pre-stretched film
Perfect seal of the bales with proven high silage quality**



“Patented bale wrap for highest efficiency on round bales”

* LCA modeled in SimaPro using data from the ecoinvent inventory database. Reduction in impact when comparing Tenospin plus R 19 µ loop to Tenospin 25 µ

**Test by Swedish University of Agricultural Sciences (SLU) 2016



Product data

Dimensions	Packaging
730 x 0.019 mm x 2100 m*	15 reels/pallet
730 x 0.019 mm x 2600 m	15 reels/pallet
Packaging: 2100 m - Sleeve or Contractorwrap packaging solution	
2600 m - Only Contractorwrap packaging solution.	
* Available as loop, containing 30% PCR, RecyClass certified	

Colours



Want to learn more about Tenospin+ R?
If yes, you can scan the QR code below.



teno bale[®] compressor



Improved silage quality

- the increased bale density and enhanced sealing have been proven to lead to better forage quality and reduce risk of mould.



Extra protection

thanks to additional film on the mantle area, which creates a higher puncture resistance during wrapping and compact bales for easier handling.



Loop option available

based on at least 30% PCR*



Increased output

due to its patented technology. It allows an exceptional high stretch which gives more bales per reel.



One-piece product packaging

protects not only the surface of the reel, but also the reel edges thanks to an implemented foam. Start-up problems during wrapping due to handling damage are reduced massively.

“10-30% higher
output per reel
in comparison to
other brands”



* 50% reduced carbon footprint when using loop version: LCA modeled in SimaPro using data from the ecoinvent inventory database. Reduction in impact when comparing TenoBaleCompressor loop 16 µ to TenoBaleCompressor 20µ.



Patented



Extra protection



Optimal bale shape

Product data

Dimensions

1280 mm x 0.013 mm x 3000 m
1280 mm x 0.016 mm x 2400 m
1400 mm x 0.016 mm x 2200 m*
1400 mm x 0.020 mm x 1800 m*

Packaging

16 reels/pallet 5 - 13 %
16 reels/pallet 15 - 20 %
16 reels/pallet 18 - 30 %
16 reels/pallet 25 - 35 %

Stretch in machine

*Available as loop, containing 30% PCR, RecyClass certified

Colours



Want to learn more about TenoBaleCompressor?
If yes, you can scan the QR code below.



Contractorwrap packaging

The harvest season is often, if not always, hectic and every minute that you can save is of importance. Therefore we have developed a packaging for farmers and contractors with high consumption, and for everyone else who wants to save time and waste. The reels are packed directly on the pallet without boxes which increases the efficiency for the user.



- No handling of empty boxes
- Higher comfort and convenience
- Reduction of packaging by 70%*

Available on these products

Product	Dimensions	Reels/ pallet	Color	Core	Layers per bale:
Tenospin	750 mm x 0,025 mm x 1700 m	15	White, eco-green	PP	
Tenospin	750 mm x 0,030 mm x 1400 m	15	White, eco-green	PP	
Tenospin loop	750 mm x 0,025 mm x 1700 m	15	Green	PP	
Tenospin loop	750 mm x 0,030 mm x 1400 m	15	White	PP	
Tenospin plus	750 mm x 0,021 mm x 2400 m	16	Eco-green	Paper, water protected	
Tenospin plus	730 mm x 0,019 mm x 2600 m	16	White, eco-green	Paper, water protected	

*Reduction in cardboard when comparing to same product in box packaging

“It saves a massive amount of time, restocking the machine during hectic harvest season and not having to deal with all the packaging”



Sleeve packaging



Our patented sleeve packaging has not only a polyethylene film that protects the surface of the reel, but also a polyethylene foam over the reel edges protecting the reel from handling damages which often lead to start-up problems during wrapping.

- Edge protection for safe reel handling
- 100 % recyclable plastic
- Unwinding direction on packaging for convenient loading
- One piece packaging for efficient reel changes
- Stretch levels of product on the label

Available on these bale wrap products

Product	Dimensions	Reels/ pallet	Color	Core
Tenospin plus	750 mm x 0,021 mm x 1900m	15	White, eco-green, green	Paper, water protected
Tenospin plus	730 mm x 0,019 mm x 2100m	15	White, eco-green	Paper, water protected

Available on these mantle film products

Product	Dimensions	Reels/ pallet	Color	Core
TenoBaleCompressor	1280 mm x 0.013 mm x 3000 m	16	Tinted white	Paper
TenoBaleCompressor	1280 mm x 0.016 mm x 2400 m	16	Tinted white	Paper
TenoBaleCompressor	1400 mm x 0.016 mm x 2200 m	16	Tinted white	Paper
TenoBaleCompressor	1400 mm x 0.020 mm x 1800 m	16	Tinted white	Paper

Edge protection right until wrapping - that's what we need!

How to be sustainable in baled silage

1 Reduce your feed losses – Tenospin products have been proven with very low losses.

Compared to market standard, with Tenospin, you can:

- Get a silage quality tested product
- Produce baled silage with DM-losses of 1%
- Decrease losses equal to 6-13 liters of milk per bale

2 Be efficient – with our Tenospin plus products you can increase your efficiency by up to 73%!

3 Switch to our thickness optimised Tenospin plus products

4 Try our Tenospin loop! Tenospin plus and TenoBaleCompressor are also available as loop options reducing the carbon footprint by up to 50%!

5 Reduce your packaging waste by switching to packaging alternatives as Sleeve or Contractorwap

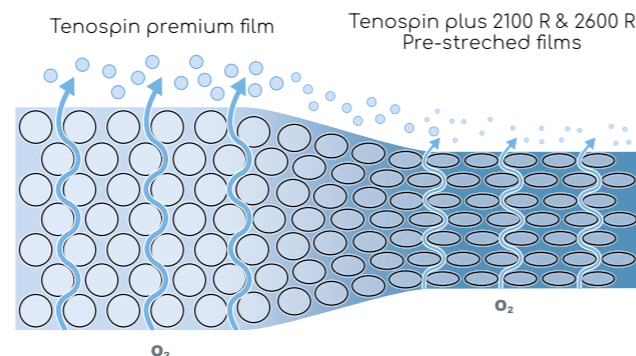
6 Collect and sort plastic waste after usage for recycling – all Tenospin products are fully recyclable, including the packaging!

“Feed losses have the highest impact on sustainability”

Higher efficiency and resource protection with PlusTech®

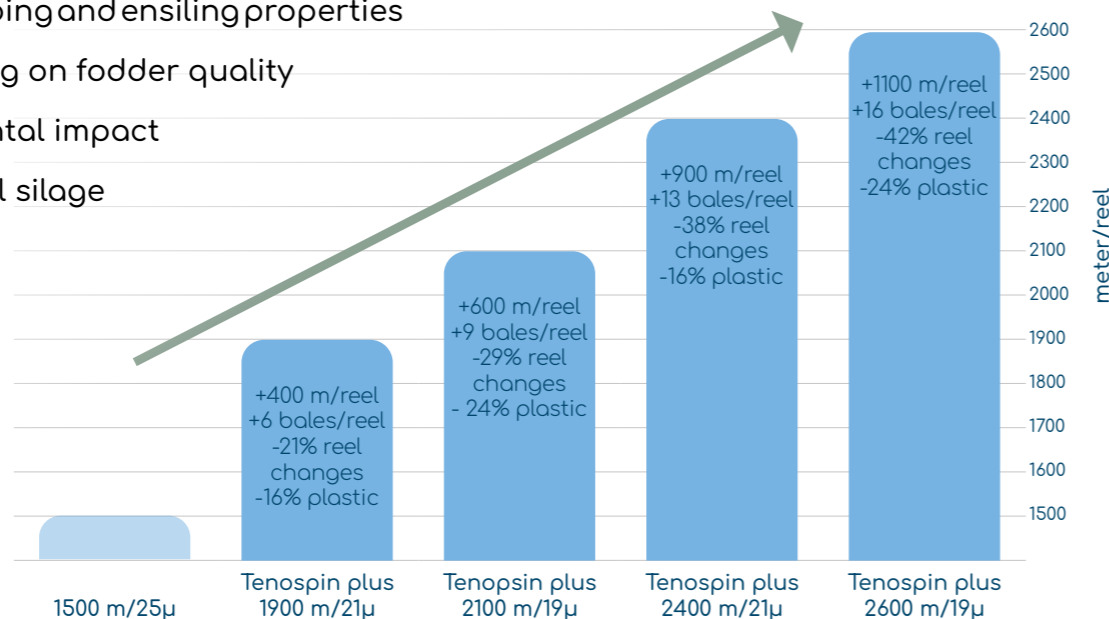
The PlusTech technology enables us to produce a multilayer blown film with a quality that has not been reached before. Besides a special Teno-recipe with a blend of a high number of different components, the controlled temperatures during the process are a centerpiece in our production.

PlusTech films reduce your carbon footprint by up to 25%.



Your benefits with PlusTech®

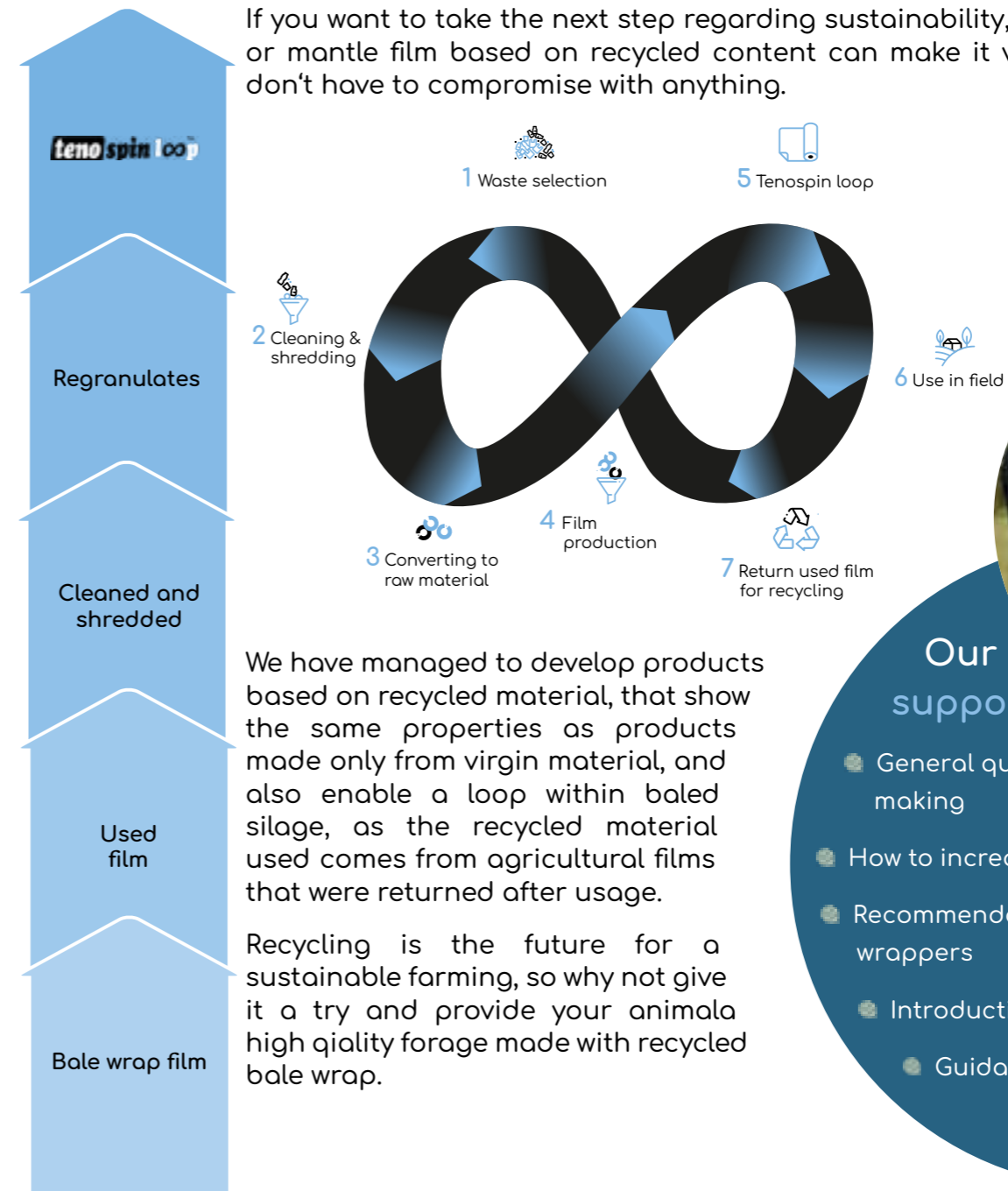
- Optimized wrapping and ensiling properties
- No compromising on fodder quality
- Less environmental impact
- Best, economical silage



Based on: Round bale 1,20 m, 6 layers of film, 55 % overlap, 70 % pre stretch, when comparing to 1500 m/25µ film.

Recycled silage film for highest forage quality

If you want to take the next step regarding sustainability, switching to bale wrap or mantle film based on recycled content can make it very easy, because you don't have to compromise with anything.



We have managed to develop products based on recycled material, that show the same properties as products made only from virgin material, and also enable a loop within baled silage, as the recycled material used comes from agricultural films that were returned after usage.

Recycling is the future for a sustainable farming, so why not give it a try and provide your animals high quality forage made with recycled bale wrap.

Our support

- General questions regarding bale silage making
- How to increase your efficiency
- Recommendations in maintenance of bale wrappers
- Introduction of products in machines
- Guidance in sustainable baling



Efficient & sustainable silage making

We know the hazards and challenges of the harvest season and we can support you with our many years of experience. If you need help, our silage experts and technical support team is there to support you to improve your yield, efficiency and sustainability in your silage making - all over the world.

Follow us on Facebook and Instagram
@tenospin



Find out more on
tenospin.com



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APE Europe objective is to improve agri wasterecyclingrate by the implementation of national collecting Schemes (NCS) all over Europe.