



KRONE excellent Crop Packaging





KRONE excellent
EDGE X-TRA

3600

KRONE excellent
SLIDE

KRONE

www.krone.it
Krone excellent
927 943 0

KRONE

excellent
TWID



i Genuine KRONE excellent Crop Packaging



- High-quality materials, advanced technology
- Ongoing development
- Strong, lasting and dependable
- Tailor-made for your KRONE machine
- Smooth threading and easy handling
- Perfect bales and perfect results

KRONE excellent bale wraps – rely on the genuine product.

There are many reasons why a baler should always be operated with the manufacturer's genuine crop packaging. With regard to KRONE, it's because 'KRONE excellent' suggests recognised KRONE quality. Genuine wraps lead to substantial savings in costs per bale and come with the excellent KRONE service. Our bale wraps protect your valuable crop, maintaining and even enhancing its quality for optimum harvest results.

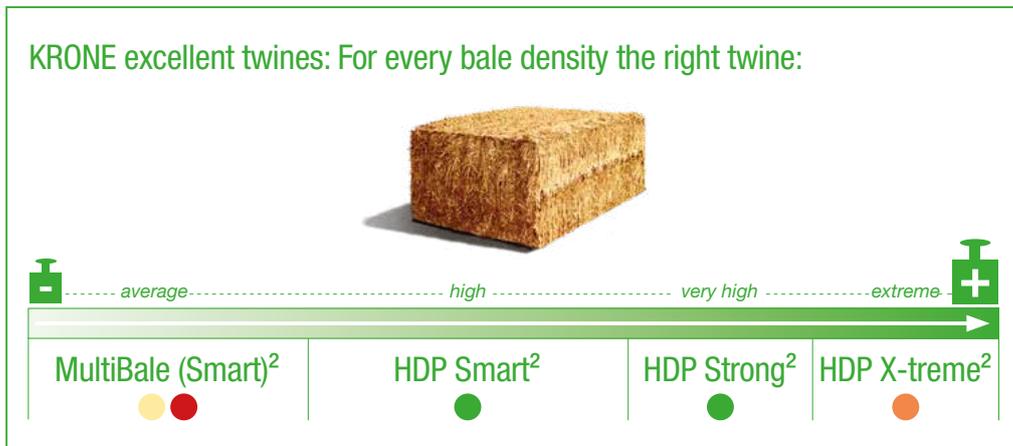
KRONE excellent crop packaging pays off.

Twine	4
Net wrap	14
Silage film	20



KRONE excellent Twine

- Tailored and optimized to the KRONE BiG Pack baling system
- Greatest knot strength, superior to regular twines of an average 220kgf tear resistance
- Great resistance to tearing, plenty of reserve for dependable knots even in extreme situations
- Optimum fibrilling ensures effective knotting



NEW

KRONE excellent MultiBale² and MultiBale Smart²

The KRONE excellent MultiBale Smart and MultiBale have been part and parcel of the KRONE packaging portfolio and have proven thousands of times on regular density bales. MultiBale² and MultiBale Smart² offer a longer roll length and yet the same level of knot strength.



NEW

KRONE excellent HDP Smart²

Especially for large square balers with high baling pressures like the BiG Pack HDP machines, the choice of the right twine is very important. The KRONE excellent Twine HDP Smart² was developed specifically for large square balers with high baling pressures thus creating minimal wear at the knoter and the twine guide. HDP Smart² offers a longer roll length compared to the classical KRONE twine HDP Smart and yet the same level of knot strength.



NEW

KRONE excellent HDP Strong²

For very high bale densities as well as in regions with difficult harvesting conditions, the use of HDP Strong² is recommended. The strength of HDP Strong² has increased compared to the twine excellent HDP Smart. Therefore, HDP Strong² fulfills high demands with known KRONE quality. HDP Strong² offers a longer roll length of approximately 24 % compared to HDP Strong and yet the same level of knot strength.



NEW

KRONE excellent HDP X-treme²

This twine is the strongest of all KRONE twines. Due to the strength, HDP X-treme² is the right twine for heaviest bale densities. This is especially important in markets with extreme harvesting conditions and high UV radiation. HDP X-treme² holds also the heaviest bales together. Like the other twines from the new generation HDP X-treme also² offers a longer roll length compared to HDP X-treme and yet the same level of knot strength.



Welcome to the next level of KRONE Twines: NEW KRONE excellent Twine²

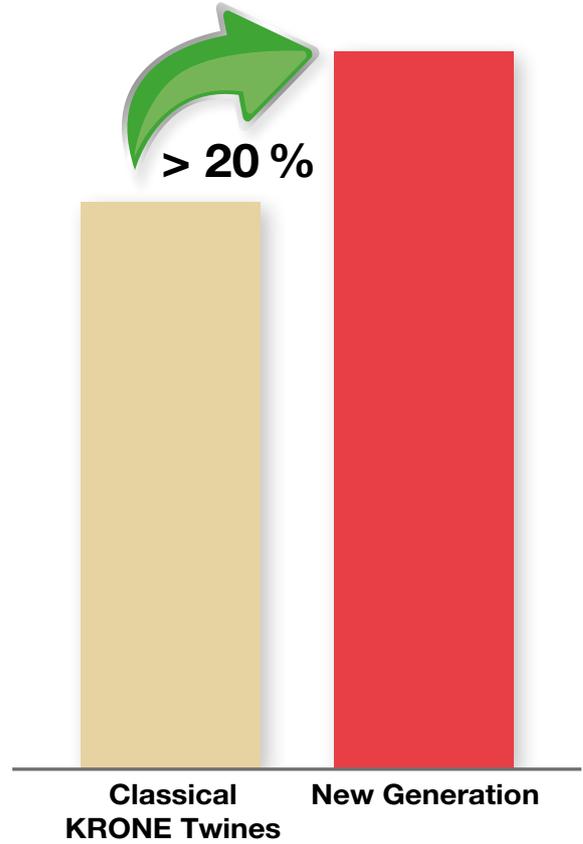
- Approx. more than 20 % extra roll length over classical KRONE Twines and yet the same resistance to tearing
- Same knot strength
- Fewer refills – more bales per day
- More savings, higher productivity



KRONE excellent MultiBale



NEW: KRONE excellent MultiBale²







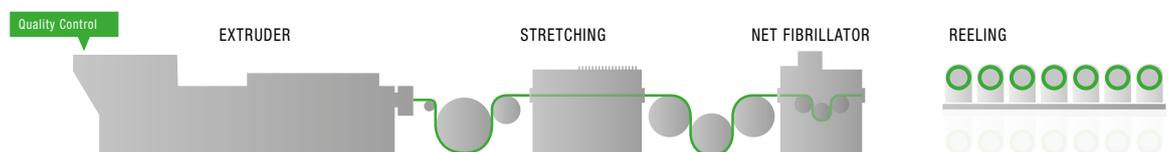
Which twine is right for BiG Pack?

		MultiBale (Smart) ²	HDP Smart ²	HDP Strong ²	HDP X-treme ²	
		Average bale density	High bale density	Very high bale density	Extreme bale density	
BiG Pack 870 HDP 80 x 70 cm		5				
BiG Pack 890 80 x 90 cm		4				
BiG Pack 1270 120 x 70 cm		6				
BiG Pack 1290 120 x 90 cm		6				
BiG Pack 1290 HDP 120 x 90 cm		6				
BiG Pack 1290 HDP II 120 x 90 cm		8				
BiG Pack 4x4 120 x 130 cm		6				



Manufacturing of KRONE excellent Twines

- KRONE twines are food grade and environmentally friendly
- A special stabilizing process makes the twine very resistant to UV and weather exposure
- Our twines are ideally reeled for trouble-free feed
- Optimum fibrilling results in a very robust twine and tight knots

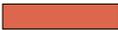
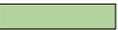




Technical data

- Meets the KRONE quality standard
- Recommended for KRONE BiG Pack
- The right twine for every density
- Perfect results



	MultiBale Smart ² light	MultiBale Smart ²	MultiBale ²	HDP Smart ²	HDP Strong ²	HDP X-treme ²
Order no. double pack	27 023 341 0	27 023 342 0	923 943 1	27 023 343 0	27 023 217 0	27 023 218 0
Length increased per pack by approximately:	+ 23 % (compared to MultiBale Smart Light)	+ 20 % (compared to MultiBale Smart)	+ 27 % (compared to MultiBale)	+ 20 % (compared to HDP Smart)	+ 24 % (compared to HDP Strong)	+ 22 % (compared to HDP X-treme)
kg/spool	11	11	11	11	11	11
Max. knot strength (kgf)	198	245	245	280	315	335
Max. tear resistance (kgf)	325	380	380	460	510	550
Colour						
UV stability	high	high	high	high	high	high
Suitability		Average bale density		High bale density and normal harvesting conditions	Very high bale density and difficult harvesting conditions	Extreme bale density and very difficult har- vesting conditions





- Perfect fibrillation of the Twine² generation
- Excellent knot properties (no knot slip)
- Fewer refills – more bales per day
- Excellent reserves

- Excellent knotting results under strongest conditions



- Withstanding maximum pressure



- Twine that holds and produces highest-quality bales



Additional twines



KRONE excellent Square Baler Twine

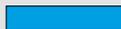
The KRONE Square Baler Twine was developed for foreign markets and smaller farms and is perfectly tailored to small high-density balers of different brands. Our range of excellent Twines portfolio offers the right twine for all kinds of applications and needs.



KRONE excellent Round Baler Twine

This twine is the high-strength and high-quality option for round balers with twine tying systems.



	Square Baler Twine	Round Baler Twine
Order no. double pack	929 961 1	929 951 0
kg/roller	5	5
Max. knot strength (kgf)	80	52
Max. tear resistance (kgf)	110	110
Colour		
UV stability	high	high
Suitability	Twine for small high-pressure balers	Twine for round balers



 **KRONE** excellent

Twines

...that hold!

...excellent twines live up to their promise. Offering unique tear resistance and knot strength, these twines produce highest-quality bales no matter what the conditions. KRONE excellent twines are the best choice for extremely high-density bales – as well – knot by knot!





KRONE excellent Net wrap

- High tear resistance and KRONE anti-laddering warranty
- Edge-to-edge-cover technology for superior coverage
- Excellent unrolling and guaranteed length
- Left-right marks for easy fitting, 70m end warning
- Ends interlock perfectly
- Great UV and weather stability
- Superior reliability and easy use
- Developed for KRONE round balers and their specific wrapping systems



KRONE excellent Edge X-tra

KRONE excellent Edge X-tra combines the qualities of our well-proven Edge and RoundEdge nets and creates a new high-quality and universal KRONE net. Edge X-tra spreads exactly from edge to edge and is the best option in any crop and for every round baler. Its perfect edge to edge spreading technology protects your valuable crop and achieves optimum results.



KRONE excellent StrongEdge

This is the super strong net among the KRONE net wrap products. With two warp threads combined into one thread, this net offers an enormous resistance to tearing, larger meshing and excellent UV stability – properties that make it particularly suitable for use in hot and sunny regions and in coarse material.



KRONE excellent SmartEdge

To be able to offer customers which have simple product requirements a good alternative, a “smart” version of our high-end net wraps excellent Edge X-tra has been developed – KRONE excellent SmartEdge. This is a net wrap with high cost-benefit ratio as it exceeds – based on a good price – the fundamental quality requirements. It achieves the best harvest results at any time.

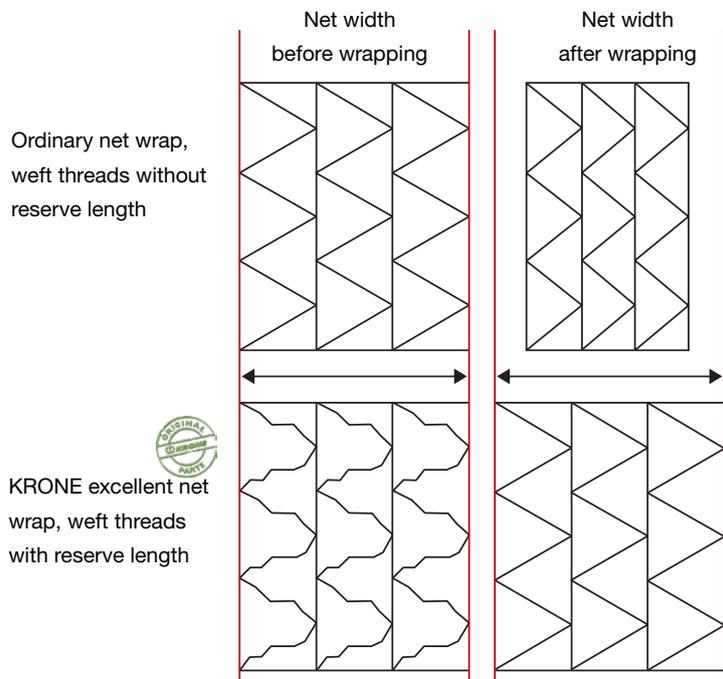


Edge-to-Edge technology*:

Without exception, all KRONE excellent net wraps use weft threads that benefit from plenty of reserve length. All excellent Edge and StrongEdge net wraps provide excellent spread from edge to edge.

The result is a perfectly shaped round bale.

* European patent no. 0919655 - US patent no. 6521551



Net width before and after wrapping:

Ordinary net wrap:

As the net is exposed to vertical tension during baling, its weft threads without reserve length pull on the weft threads to the effect that the net shrinks, with the high pressure inside the bale pushing the crop out of the net.

KRONE excellent net wrap:

The weft threads in the KRONE excellent net wraps have sufficient reserve length to maintain the full net width on the bale.



Ordinary nets are prone to form shoulders

- Shoulders are typical for film that lacks good edge to edge spreading technology – the crop deteriorates
- The edges are exposed to weathering – ingress of moisture
- The bale does not maintain its shape – crop is lost
- Round bales with pronounced shoulders do not stack up neatly
- Air may be trapped under the film wrap – the silage spoils
- Experience shows that shoulders affect the quality of the forage

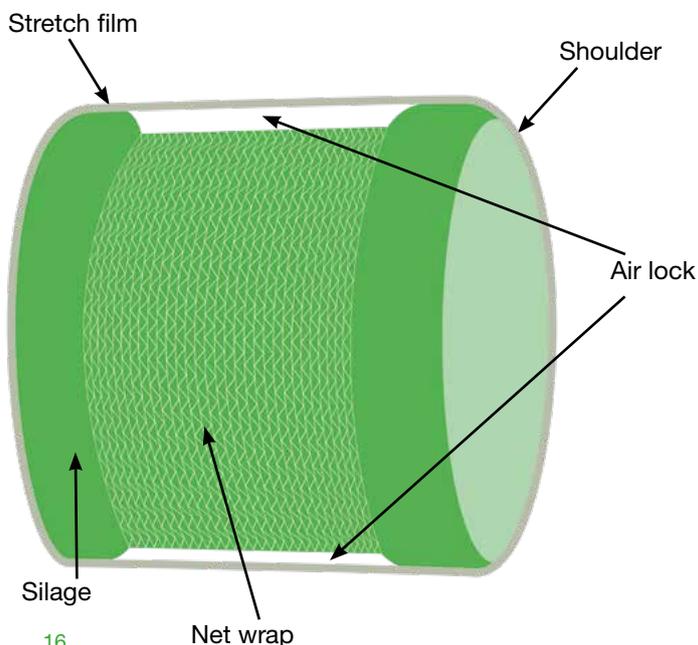


Shoulders

‘Shoulders’ on the bale’s edges are a clear sign that the net lacks proper edge to edge spreading qualities. There is no way of avoiding shoulders when using ordinary net wrap, even at optimized baler settings. The cause for this are the weft threads inside the nets, which often lack the required reserve length.

These net wraps are offered at a lower price, because they are manufactured in a less high-tech process. Yet, the drawback is shoulders and experience shows that shoulders affect the quality of the crop.

Besides, no contractor would take chances and risk their good reputation by using ordinary net wrap.



Note

Shoulders are often a major cause for spoilage in silage. They prevent the film from clinging properly to the bale, giving ample opportunity for air to be trapped between the bale and the film. Apart from that, shoulders increase the risk of film damage and puncture.

This means KRONE excellent net wrap pays off regardless and is absolutely cost effective. Therefore go for genuine KRONE net wrap and get perfect results.

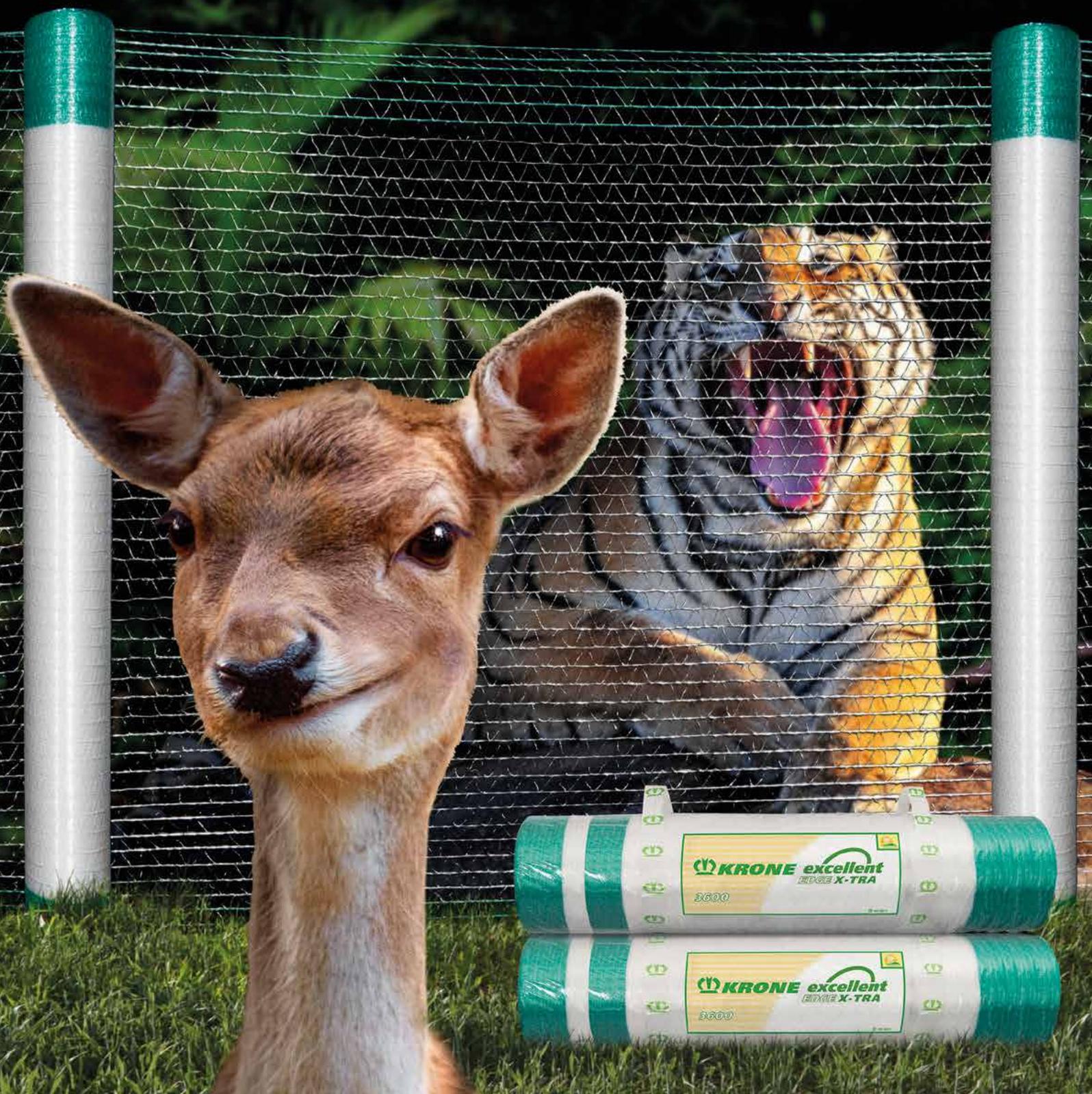
**All machine manufacturers agree:
Rely on the genuine product. It pays. For sure.**

 **KRONE** excellent

Net wraps

...that hold!

...excellent net wraps live up to their promise. Offering an enormous tear resistance and unique edge-to-edge spreading technology, these nets give the most effective protection from the vagaries of weather – from edge to edge.



Technical data

- Meets the KRONE quality standard
- Developed for KRONE round balers
- Optimum and sustained protection for your crop
- Perfect results



	Edge X-tra	Edge X-tra
Order no.	926 180 0	929 926 0
Length (m)	2,600	3,600
Width (mm)	1,245	1,245
Number of linear warp threads	50	50
Min. resistance to tearing in kg	260	260

	StrongEdge	StrongEdge	SmartEdge
Order no.	927 922 0	927 924 0	924 988 0
Length (m)	2,600	3,600	3,000
Width (mm)	1,245	1,245	1,245
Number of linear warp threads	50*	50*	50
Min. resistance to tearing in kg	320	320	260

* combined into 25 warp threads







KRONE excellent Silage film

- Blown 5-layer film for maximum mechanical strength
- Exceptional wrapping qualities, extremely tear and puncture resistant
- Guaranteed and hassle-free pre-stretch of up to 70% for more bales from each roll
- Excellent tack characteristics in all temperatures
- High UV-stability, effective protection from sun even during full exposure
- Guaranteed protection from weathering for at least one year, no loss in nutrition quality due to outdoor storage
- Superior reliability and easy use
- Developed for KRONE baler wrappers, hence tailored to KRONE systems



KRONE excellent Slide 500 and 750

Comprising the popular 750 mm film roll and the 500 mm silage film, this product range meets the needs of all harvest situations. Running a 1,800 mm length, KRONE excellent Slide 500 is approx. 17% longer than the 750 mm silage film; a clear advantage when it comes to wrapping small-diameter bales.



KRONE excellent Slide Extra

Manufactured to a specific technology, KRONE excellent Slide Extra offers an effective oxygen barrier and a thickness of just 21 µm. Each roll holds 1,900 m length of film – a unique advantage which translates into 400 m extra length over the KRONE excellent Slide. As the width continues to be 750 mm you get more bales from each roll!



KRONE excellent Slide Smart

Users also called for a cost-effective film to complement the KRONE high-end film product range. This is what we have created with excellent Slide Smart. KRONE excellent Slide Smart is the film for users around the world who look for a blown standard five layer quality film.



KRONE excellent RoundWrap

KRONE excellent RoundWrap is another product in the KRONE silage film portfolio. Measuring 1,280 mm in width, the film covers the bale completely and therefore is the best product for the peripheral film wrapping system on KRONE round balers. The 5-layer film has excellent adhesive qualities and keeps the bale in firm shape.

 **KRONE** *excellent*

Silage films

...that hold!

...excellent silage films from KRONE live up to their promise. Benefitting from an extremely high mechanical strength, they offer great puncture and strain resistance as a warranty for an optimum silage and a perfect forage – bale by bale!

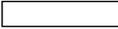
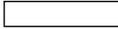


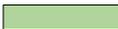
Technical data

- Made to the KRONE quality standard
- Extremely tear and puncture resistant
- Guaranteed stretch of up to 70%
- Excellent wrapping properties



	Slide 500	Slide 750	Slide 750	Slide Extra
Order no.	926 925 0	926 926 0	926 936 0	926 960 0
Version	X-treme UV	X-treme UV	X-treme UV	X-treme UV
Width (mm)	500	750	750	750
Length (m)	1,800	1,500	1,500	1,900
Thickness (µm)	25	25	25	21
Colour				
Layers	5	5	5	5

	RoundWrap	RoundWrap
Order no.	926 947 0	926 946 1
Version	standard	standard
Width (mm)	1,280	1,280
Length (m)	2,000	1,800
Thickness (µm)	16	20
Colour		
Layers	5	5

	Slide Smart	Slide Smart
Order no.	27 023 344 0	27 023 345 0
Version	X-treme UV	X-treme UV
Width (mm)	750	750
Length (m)	1,500	1,500
Thickness (µm)	25	25
Colour		
Layers	5	5



Maschinenfabrik Bernard Krone

Perfect in every detail



Innovative, proficient and close to our customers – these are the keywords that mark the philosophy of our family-owned company. As a forage specialist, KRONE manufactures disc mowers, tedders, rakes, forage wagons and silage trailers, round and square balers as well as the high-capacity and self-propelled BiG M mower conditioners and our BiG X forage harvesters. Quality made in Spelle – since 1906.

Your KRONE dealer



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