

# Crop packaging

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 KRONE

KRONE EXCELLENT



 excellent

[krone-agriculture.com](http://krone-agriculture.com)

# KRONE excellent

Quality around the bale



Twine

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15 kg for all BiG  
Packs from the 5th  
generation onwards

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The snippet-free V-knotter  
from KRONE

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Excellent unrolling behaviour  
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Silage film –  
Exceptional wrapping qualities,  
extremely tear and puncture  
resistant

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*Rely on the genuine product!*

 **KRONE**



**Excellent quality you can rely on.**

When it comes to nets, twine and film every detail counts, because your crops, your machines and your success only deserve the best. Our excellent KRONE products are only supplied by renowned original equipment manufacturers who have stood for the highest quality, precision and standards of innovation for decades. Thanks to the latest production technology and strict quality controls, we guarantee to supply materials that are reliable, durable and powerful – even under the harshest conditions. Whether you are tying bales, protecting your crops or completing daily tasks on the field, our solutions will always ensure you are on the safe side. Rely on tested KRONE quality offering maximum efficiency, safety and sustainability

# Multibale<sup>2</sup> • HDP Strong<sup>2</sup> • HDP<sup>2</sup> NG

Twine solutions to meet the highest requirements



## MULTIBALE<sup>2</sup>

### Versatile – one twine for all cases

Multibale<sup>2</sup> is the perfect solution for farmers and contractors looking for a reliable twine for a wide range of baling conditions. Whether straw, hay or silage – this twine masters a wide range of challenges with a real roll length of 130 m/kg.

- Compatible with all common balers
- Suitable for medium to high baling densities - depending on the crops
- Secure hold even in changing weather conditions



## HDP **STRONG<sup>2</sup>**

### For demanding conditions

HDP Strong<sup>2</sup> was developed specifically for use in HDP large square balers. It offers extremely high tear and knot strength, even with heavy, moist or highly compacted crops.

- Ideal for straw, silage and biomass.
- For heavy bales, even with highly expanding crops
- Secure hold even at maximum bale density with a real roll length of 108 m/kg



## HDP<sup>2</sup> **NG** *Next Generation*

### The powerhouse among the next generation of twines

HDP<sup>2</sup> NG is the latest generation of high-strength twine, developed specifically for large square balers and extreme requirements in the professional agriculture sector or contractors.

- Maximum tear and knot strength – even with moist, heavy or highly compacted crops
- Reliable knots even at maximum baling density and high ambient temperatures
- Ideal for straw, silage, biomass and export bales
- Optimum fibrillation for perfect knot strength
- Despite its extreme resilience, HDP<sup>2</sup> NG remains efficient and economical in use with a real roll length of 110 m/kg



## Every knot counts

- Developed and optimised to a variety of requirements
- Technically advanced for maximum loads – uncompromisingly strong
- High tear resistance – the excellent twine still has plenty of strength in reserve to combat extreme situations
- Excellent reliability thanks to perfect knots

The matching twines for each bale density

		MultiBale <sup>2</sup>	
		HDP Strong <sup>2</sup>	
		HDP <sup>2</sup> NG	



# KRONE twine

For all balers from the 5th generation onwards



11 kg\*  
24.25 lbs\*

11 kg

The 11 kg spools of twine can be used in any KRONE BiG Pack series.



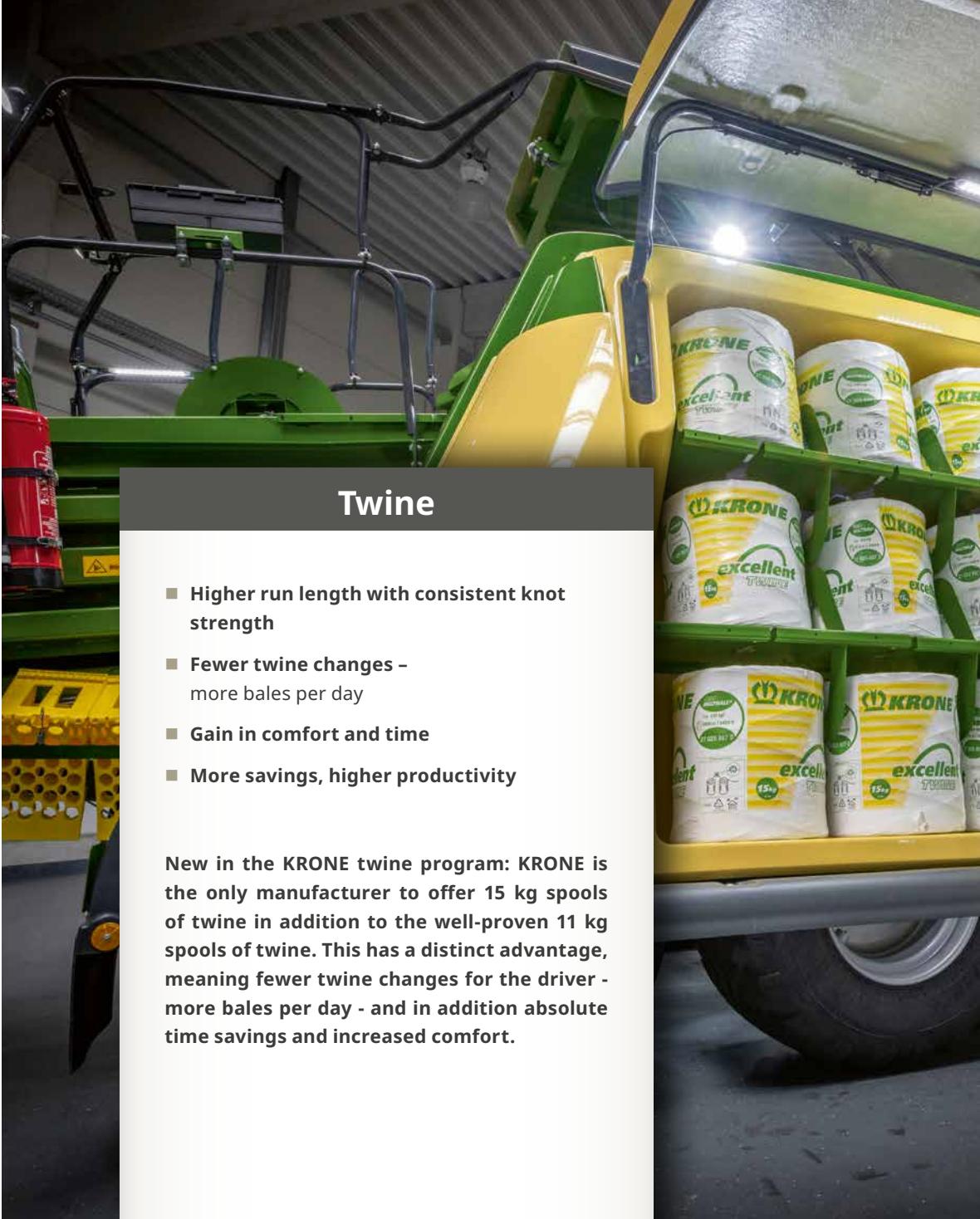
15 kg\*  
33 lbs\*

PLUS  
27%\*

15 kg

The exclusive 15 kg spools of twine can be used in all balers from the 5th generation onwards (305, 405 and 606 series).

\* Compared to the 11 kg spool of twine.



- Higher run length with consistent knot strength
- Fewer twine changes – more bales per day
- Gain in comfort and time
- More savings, higher productivity

New in the KRONE twine program: KRONE is the only manufacturer to offer 15 kg spools of twine in addition to the well-proven 11 kg spools of twine. This has a distinct advantage, meaning fewer twine changes for the driver - more bales per day - and in addition absolute time savings and increased comfort.

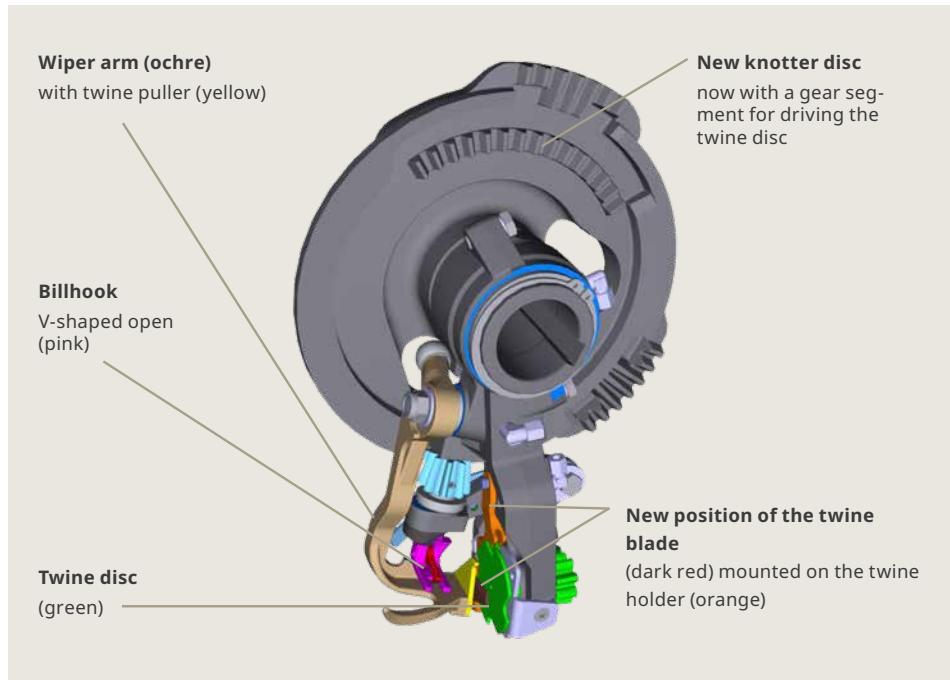
# Which twine for which BiG Pack?



			MultiBale <sup>2</sup>	HDP Strong <sup>2</sup>	HDP <sup>2</sup> NG
	Number Knotters		Regular bale density	High bale density	Extremely high bale density
<b>BiG Pack 870 HDP</b> 80 x 70 cm		5	✓✓✓	✓✓	✓✓
<b>BiG Pack 890</b> 80 x 90 cm		4	✓✓✓	✓✓	✓✓
<b>BiG Pack 1270</b> 120 x 70 cm		6	✓✓✓	✓✓	✓✓
<b>BiG Pack 1290</b> 120 x 90 cm		6	✓✓✓	✓✓	✓✓
<b>BiG Pack 1290 HDP</b> 120 x 90 cm		6	✓✓	✓✓✓	✓✓✓
<b>BiG Pack 1290 HDP II</b> 120 x 90 cm		8	✓✓	✓✓✓	✓✓✓
<b>BiG Pack 4x4</b> 120 x 130 cm		6	✓✓	✓✓✓	✓✓✓

# The new KRONE V-knotter system

The new snippet-free V-knotter



## The snippet-free V-knotter from KRONE

The dependable and hard-wearing V-knotter operates to the Deering system. Yet, instead of cutting the tails off, this design forms the tail into a loop and pulls this into the second knot (starter knot), creating an even stronger knot.

More information on the KRONE knotter



Machines built from 2011 onwards can be retrofitted. Please enquire at your KRONE dealer.





Perfect fibrillation of the  
Twine<sup>2</sup> generation  
**Excellent knot strength**  
(knots do not open).

**Excellent  
knot results**  
under the most extreme  
conditions.

**The result**  
A twine which lasts and pro-  
duces bales of the highest  
quality.



# Technical data



**11kg\***  
24,25 lbs\*

**15kg\***  
33 lbs\*

KRONE excellent twines 11 kg			KRONE excellent twines 15 kg			
	MultiBale <sup>2</sup>	HDP Strong <sup>2</sup>	HDP <sup>2</sup> NG <sup>2</sup>	MultiBale <sup>2</sup> 15 kg	HDP Strong <sup>2</sup> 15 kg	HDP <sup>2</sup> NG 14 kg
<b>Order no.</b>	Double pack	923 944 0	27 023 217 0	27 027 155 1	27 025 897 0	27 025 895 0
<b>Colour</b>						
<b>Weight</b>	kg/roll	11	11	11	15	15
<b>Roll length</b>	m/roll	1,430	1,188	1,210	1,950	1,620
<b>Roll length</b>	m/kg	130	108	110	130	108
<b>UV-stability</b>	high			high		
<b>Suitability</b>		Normal bale densities	High bale densities and difficult harvesting conditions	Extreme bale densities and very difficult harvesting conditions	Normal bale densities	High bale densities and difficult harvesting conditions
						Extreme bale densities and very difficult harvesting conditions





# Additional twines



## KRONE excellent Square Baler Twine

For foreign markets as well as for smaller companies, KRONE offers the Square Baler Twine for small high-pressure balers by other manufacturers. The excellent twine range therefore offers suitable twine for all customer groups from a single source.



## KRONE excellent Round Baler Twine

KRONE also offers a strong and high-quality twine for round balers with twine tying systems – the KRONE excellent Round Baler Twine.



# Technical data



## Additional twines

		Square Baler Twine	Round Baler Twine
Ord. no.	Double pack	929 961 1	929 951 0
Colour			
Weight	kg/roll	5	5
Roll length	m/roll	1,600	4,000
Roll length	m/kg	320	880
UV-stability		high	high
Suitability		Twine for small high-pressure balers	Twine for round balers

# Net wrap

Maximum reliability for your crops



## KRONE excellent Edge X-tra

The tried-and-tested KRONE excellent Edge X-tra is ideal for any crops and any round baler and covers the bale slightly beyond its edges. These perfect spreading properties protect your valuable crops and ensure optimum results.



## KRONE excellent StrongEdge<sup>2</sup>

The powerhouse in the KRONE series. It is characterised by its enormous tear resistance thanks to the interlacing of two warp threads. It also has larger meshes and outstanding UV resistance. These properties make it particularly suitable for recovering robust crops and for use in sun-intensive regions.



## KRONE excellent SmartEdge<sup>2</sup>

To be able to offer a good alternative to customers which have simple product requirements, a "smart" version of our proven high-end net wraps excellent Edge X-tra has been developed – the KRONE excellent SmartEdge<sup>2</sup>. This is a net wrap with a good cost-benefit ratio which, at a reasonable price, far exceeds basic quality requirements and achieves good results at any time.



## Net wrap

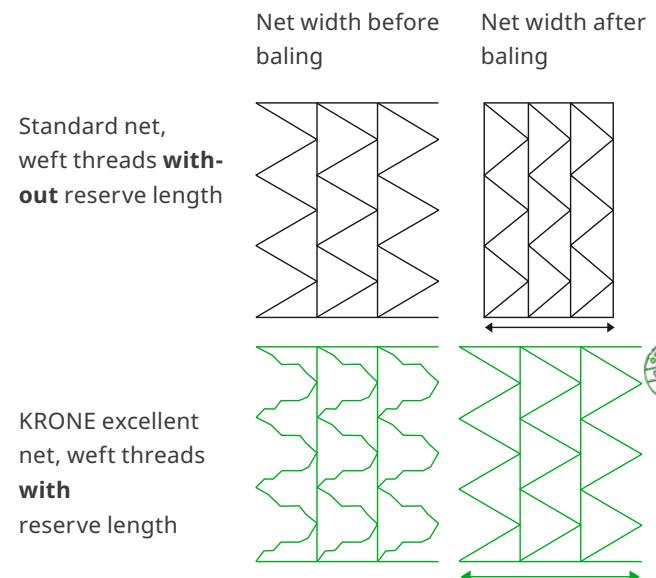
- **High tear resistance and KRONE anti-laddering warranty**
- **Bale coverage from edge to edge** (edge-to-edge technology)
- **Excellent unrolling behaviour** and guaranteed length
- **Easy handling when inserting net** thanks to left/right markings
- **End marking over the last 70 metres**
- **Optimum locking of the net ends**
- **Great UV and weather stability**
- **Superior reliability and easy use**
- **Specially developed for KRONE round balers**  
and therefore optimised to the system



### KRONE Edge-to-Edge technology\*

Optimum bale coverage edge to edge. Without exception, all KRONE excellent net wraps use weft threads that benefit from plenty of reserve length. All excellent Edge X-tra and StrongEdge net wraps provide excellent spread from edge to edge of the bale. The result: Perfectly shaped round bales.

\* European patent no. 0919655 – US patent no. 6521551



### Net width before and after baling – Standard net

Under the vertical tension of the net generated during baling, weft threads without reserve length constrict the net, making it smaller. The pressure in the bale then presses out the crops at the edges.

### KRONE excellent net wrap

The weft threads of the KRONE excellent nets have sufficient reserve length. The full net width is therefore maintained even when the net is under tension.

# Perfect bale shape

Avoid shoulder formation to ensure optimum bale quality



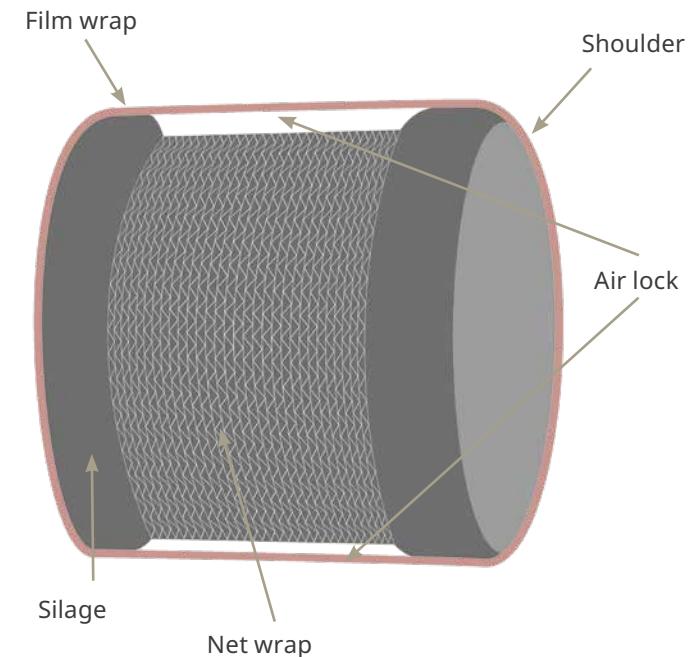
## Dangerous shoulders

'Shoulders' on the bale's edges are a clear sign of a net wrap's poor edge to edge spreading ability. Shoulders are inevitable when using standard net wrap, even though the baler is set to optimum performance. At the heart of the problem are the weft threads inside the nets which often lack the required reserve length. Due to lower expenditure in manufacturing, standard nets can be offered at a cheaper sales prices but be careful: Shoulders provably deteriorate the crop quality. Furthermore, contractors who uses standard nets risk their reputation!



## Shoulder formation

- **Characteristic of nets without good spreading properties – deterioration of the crops**
- **The edges are exposed to weathering and moisture can get into the bale**
- **The bale is not dimensionally stable – resulting in high losses**
- **Round bales with pronounced shoulders will not stack up neatly**
- **In the case of silage bales, there is an increased risk of air pockets under the film, resulting in spoilt silage**
- **Shoulders provably deteriorate the crop quality**



**Caution**

Shoulders are often a major cause for spoilage in silage bales. Given the uneven surface, the film cannot cling evenly to the bale, giving ample opportunity for air to be trapped between the bale and the film. Apart from that, the film is more prone to damage and puncture due to the shoulders. Thus, KRONE excellent net wraps are always profitable and perfectly economical. Therefore, rely on the original KRONE net wrap and achieve perfect harvesting results.

**The following applies to all machine manufacturers:**  
**Rely on the genuine product – it will pay.**

# Technical data



	Smart Edge 3,600 m	Smart Edge <sup>2</sup> 3,000 m X-Treme UV	Smart Edge <sup>2</sup> 3,600 m X-Treme UV	Edge X-Tra 2,600 m X-Treme UV	Edge X-Tra 3,600 m X-Treme UV	StrongEdge <sup>2</sup> 2,600 m X-Treme UV	StrongEdge <sup>2</sup> 3,600 m X-Treme UV
<b>Article</b>	924 990 0	27 100 417 1	924 990 1	926 180 1	929 926 1	927 922 2	927 924 2
<b>Net width</b>	1.25 m	1.23 m	1.23 m	1.25 m	1.25 m	1.23 m	1.23 m
<b>Guaranteed run length</b>	3,600 m	3,000 m	3,600 m	2,600 m	3,600 m	2,600 m	3,600 m
<b>Linear warp threads</b>	34	37	37	37	37	15	15
<b>Weight/roll</b>	29.5 kg	29.5 kg	29.5 kg	30 kg	41 kg	31 kg	42 kg
<b>Rolls/pallet</b>	28	32	28	32	28	32	28
<b>UV protection</b>	X-Treme UV	X-Treme UV	X-Treme UV	X-Treme UV	X-Treme UV	X-Treme UV	X-Treme UV
	■■■	■■■	■■■	■■■	■■■	■■■	■■■



**KRONE** *excellent*  
**STRONG EDGE<sup>2</sup>**

The new StrongEdge<sup>2</sup>:  
15 linear warp threads with a twine-like structure  
- developed for maximum bale weights.

# Silage film

Protection and preservation: KRONE for optimum forage



## KRONE excellent Slide 500 and 750

One program for all harvesting situations: In addition to the standard 7-layer, blown-out 750 mm wide film, KRONE also offers a 500 mm wide silage film.

### Which film is the right one?

#### 750 mm or 500mm?

The 750 mm film is perfect for:

- Large operations with high volumes of bales
- Modern wrapping devices
- Efficient process with fewer roll changes

500 mm is usually used for older wrapping devices.



## KRONE excellent Slide Extra

Manufactured to a specific technology, KRONE excellent Slide Extra offers a particularly high oxygen barrier and a thickness of 20 µm. The big advantage is the length of the material: Each roll is 2,000 m long. This means that the roll is 500 m longer than the KRONE excellent Slide with a width of 750 mm. This means: more bales per roll. Slide Extra is the best combination for round bales with previous film wrapping.

- 2000 m roll length, 20 micron
- 27% more film per roll of a 25 micron film
- Fewer roll changes thanks to more metres per roll
- Less plastic reduces the environmental impact



## KRONE Slide 750 PCR

KRONE Slide 750 PCR is a wrapping film with at least 30% PCR (post-consumer recycled) material content and offers the same stability and elasticity as a standard film.

- The route towards a sustainable future has been achieved by KRONE.
- A first class high-performance wrapping film that is also sustainable
- The KRONE Slide 750 PCR is a Coex film with a 30% post-consumer recycled (PCR) content
- Excellent, as it offers the usual properties and best puncture resistance because of the blow process
- Sustainable because PCR (post-consumer recycled) reduces the amount of waste and the CO<sub>2</sub> foot print



#### Slide 750 green - Xtr. UV Sleeve

On the Slide 750 Sleeve, the cardboard packaging has been replaced with film packaging. The slim film packaging provides a roll length of 1,800 m/roll, which ultimately means fewer roll changes. The sleeve packaging is fully recyclable.

- 1,800 m roll length, 23 micron
- Film packaging replaces cardboard
- Packaging can be fully recycled
- Less waste in the field
- Fewer roll changes
- With 25 % PCR content



#### KRONE excellent RoundWrap

Round bales with film wrapping: KRONE excellent RoundWrap is a new product in KRONE film line. With a width of 1,280 mm, the bale is completely covered and thus perfectly suited for the film wrapping of the KRONE round baler. The excellent adhesive properties of the 9-layer peripheral film keeps the bale firmly in shape.

We offer a film with a width of 1,400 mm for the Combi-Pack HDP.

# Technical data



	KRONE excellent wrapping film						KRONE excellent peripheral film				
	Slide 500	Slide <sup>2</sup> 750	Slide <sup>2</sup> 750 Sleeve	Slide 750 PCR	Slide Extra	Slide Smart	RoundWrap				
Order no.	926 925 0	926 926 1	271034581	270298870	926 960 0	27 023 344 0	27 023 345 0	926 947 0	27 106 256 0*	27 100 419 0	
Version	X-treme UV	X-treme UV	X-treme UV	X-treme UV	X-treme UV	X-treme UV	X-treme UV	No UV protection	X-treme UV	X-treme UV	
Width	mm	500	750	750	750	750	750	750	1,280	1,400	1,280
Length	m	1,800	1,500	1,800	1,500	2,000	1,500	1,500	2,000	2,200	1,650
Thickness	µm	25	25	23	25	20	25	25	16	16	20
Colour											
Layers		5	7	7	7	7	5	5	9	9	9
Core		Cardboard core	Cardboard core	Cardboard core	Cardboard core	Cardboard core	Cardboard core	Cardboard core	Cardboard core	Cardboard core	Cardboard core
Rolls per pallet		48	40	40	40	40	40	20	16	20	
Packaging		Cardboard	Cardboard	Sleeve	Cardboard	Sleeve	Cardboard	Cardboard	Sleeve	Sleeve	Sleeve

\*Can be used only for the CombiPack HDP.





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