

 **KRONE**
THE POWER OF GREEN


Twine



D

EN

FR

www.krone.de

Twine

Product information

Recommended for
BiGPACK



KRONE excellent Twine product range for large square balers

KRONE high-end twines are made exclusively of raw materials with highest quality standards. The manufacturing process utilises multiple patented steps to produce the best possible products with unique technical qualities.

KRONE excellent Twine MultiBale, HDP Smart, HDP Strong and HDP X-treme have been specifically made to match the technical requirements of KRONE BiG Pack balers. However, they can also be used for balers of other manufacturers.

KRONE excellent twines: For every bale density the right twine:



----- average ----- high ----- very high ----- extreme -----

MultiBale	HDP Smart	HDP Strong	HDP X-treme
-----------	-----------	------------	-------------

KRONE excellent Twine MultiBale product range

The right choice for average bale density!

KRONE excellent Twine MultiBale for average bale density



KRONE excellent Twine MultiBale and MultiBale Smart

This twine has been part of the KRONE product line for many years and is the ideal choice for large square balers with average baling pressures. KRONE offers two types of excellent Twine MultiBale for different customer needs.



Product	Order no. double pack	kg/roller	Max. knot strength (kgf)	Max. tear resistance (kgf)	Colour	UV stability
MultiBale	927 943 0	10	245	350	beige	high
MultiBale Smart	929 963 0	10	245	350	beige	high



KRONE excellent Twine HDP product range

The right choice for BiG Pack HDP large square balers!

KRONE excellent Twine HDP Smart for high bale density and normal harvesting conditions



KRONE excellent Twine HDP Smart

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 Smart was developed specifically for large square balers with high baling pressures thus creating minimal wear at the knotter and the twine guide.

Product	Order no. double pack	kg/roller	Max. knot strength (kgf)	Max. tear resistance (kgf)	Colour	UV stability
HDP Smart	928 944 0	10	280	440	green	high





KRONE excellent Twine HDP Strong

For very high bale densities as well as in regions with difficult harvesting conditions, the use of HDP Strong is recommended. The strength of HDP Strong has increased compared to the twine excellent HDP Smart. Therefore, HDP Strong fulfills high demands with known KRONE quality.

Product	Order no. double pack	kg/roller	Max. knot strength (kgf)	Max. tear resistance (kgf)	Colour	UV stability
HDP Strong	929 950 0	10	295	470	green	high



KRONE excellent Twine HDP X-treme for extreme bale density and very difficult harvesting conditions



KRONE excellent
HDP X-TREME



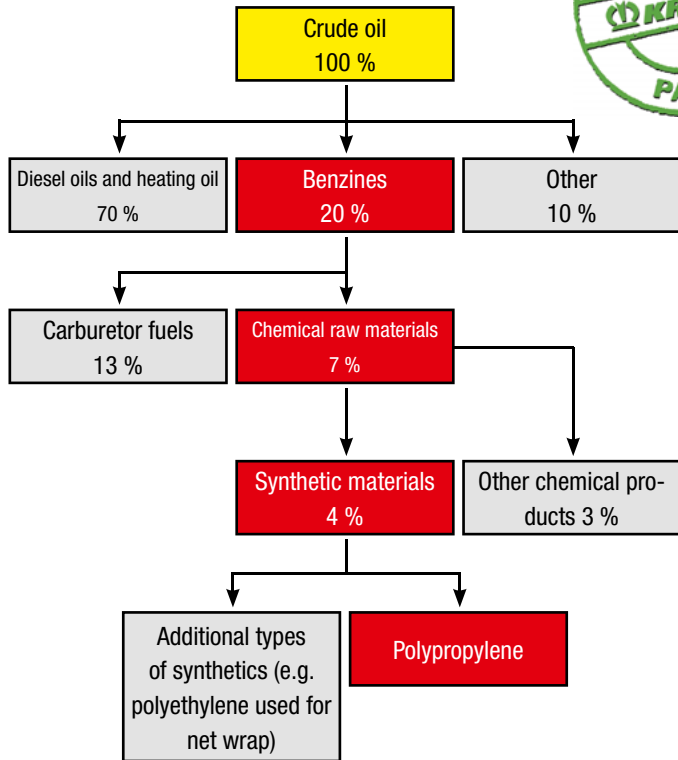
KRONE excellent Twine HDP X-treme

This twine is the strongest of all KRONE twines. Due to the strength, HDP X-treme is the right twine for heaviest bale densities. This is especially important in markets with extreme harvesting conditions and high UV radiation. HDP X-treme holds also the heaviest bales together.

Product	Order no. double pack	kg/roller	Max. knot strength (kgf)	Max. tear resistance (kgf)	Colour	UV stability
HDP X-treme	929 955 0	10	315	510	orange	high



Manufacturing KRONE excellent twine *high-end* twines



Polypropylene – an environmentally sound base product

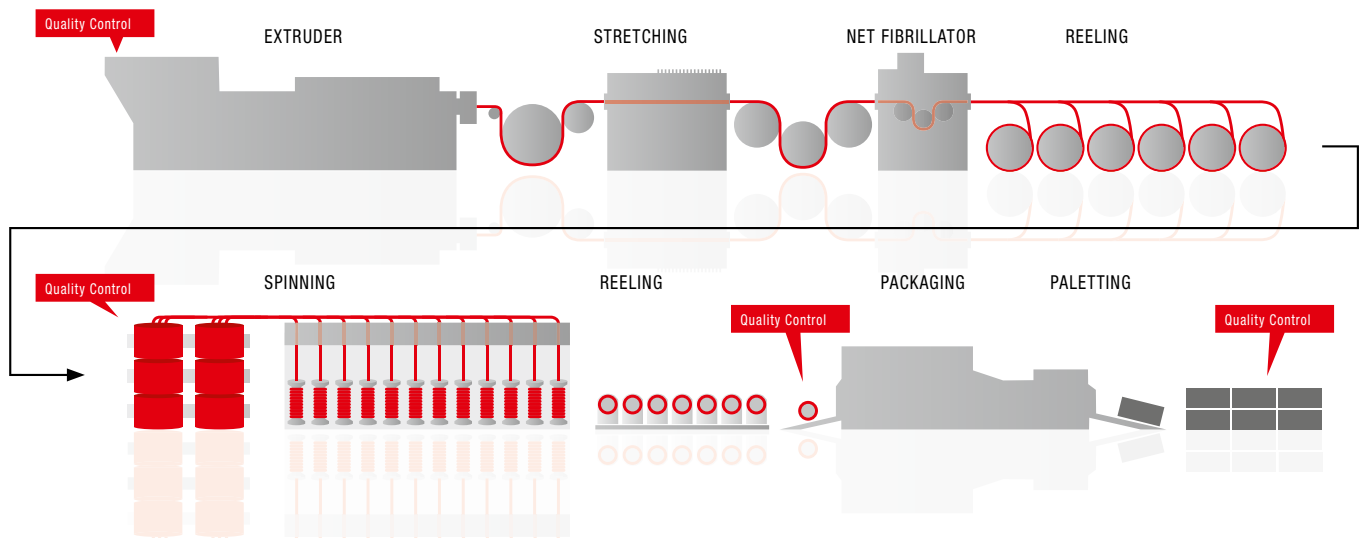
KRONE excellent Twine:

Twines are usually based on synthetic polypropylene, which is derived from crude oil. The retail price of polypropylene is down to a variety of factors, including the current crude oil price, the current capacity of utilization of the raw material manufacturer and the overall market demand.

Friendly to the environment

KRONE twines are food grade and environmentally friendly. In addition, a special stabilizing process makes the twine very resistant to UV and weather exposure. The color of the twine affects neither its quality or its ecological compatibility. After 3 to 4 years of outdoor storage, the twine begins to decay without leaving residues or releasing toxins.

The manufacturing process of KRONE excellent Twine



How can you tell a twine is good quality?

Background information on markets and products

Baler twine is marketed by two types of manufacturers. On one hand, there are farm machinery manufacturers who market original baler twine that is made for their own machinery and offers the most dependable performance and

optimum results. On the other hand, there are manufacturers who are not farm machinery manufacturers and who market these consumables under separate labels.

Consider the following aspects when buying twine:



The strain is highest in the knot. If knot strength is low, the twine will most likely tear here.

Knot strength

Knot strength expresses the knot's strength to resist force (expressed in kgf) before it tears. On the baler, the twine is worked hardest in the knot, which is due to the knotting process. Therefore, this is the area that is most susceptible to tearing. In practice, standard knot strength today is approx. 220 kgf; the KRONE excellent twines offer knot strengths of 245 kgf (MultiBale) to 315 kgf (HDP X-treme).



A high-quality twine will hold - even on high-density bales.

Resistance to tearing

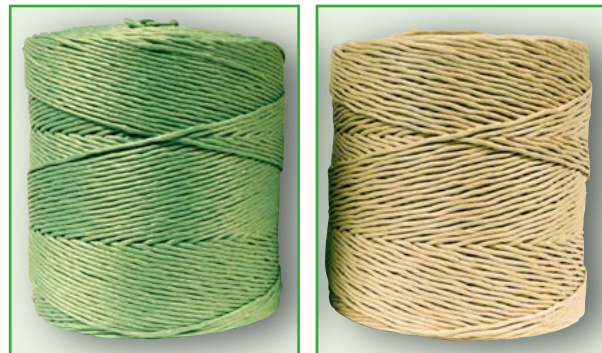
The higher the claimed resistance to tearing, the higher the overall twine stability and strength. Ordinary twines with a low resistance to tearing are often unable to hold high bale densities. KRONE excellent Twine HDP X-treme offers a resistance of 510 kgf which makes it one of the strongest twines in the market.



As you untwist the twine, you see that the strands are actually treated film tape.

Optimum fibrillation ensures tight knots

Fibrillation is a separate step within the production process, where the twine is spun from film tape after this received special treatment. Best possible fibrillation produces very robust twine and tight knotting.



Ideal spooling

Baler twine should unroll easily and uniformly. Daily checks on the spooling process assure KRONE excellent twine performs absolutely trouble-free inside the baler.



Additional KRONE excellent twines



Twine for small high-pressure balers



KRONE excellent Square Baler Twine

For foreign markets as well as for smaller companies, KRONE offers the both twine types 320 and 400 for smaller high-pressure balers of other manufacturers. Thus the excellent twine range offers suitable twine for all customer groups from a single source.

Product	Order no. double pack	kg/roller	Max. knot strength (kgf)	Max. tear resistance (kgf)	Colour*	UV stability
Square Baler Twine 400	929 961 0	5	80	110	black	high



Twine for round balers



KRONE excellent Round Baler Twine

From now on, KRONE offers one strong and high-quality twine for round balers with twine wrapping.

Product	Order no. double pack	kg/roller	Max. tear resistance (kgf)	Colour*	UV stability
Round Baler Twine 1000	929 951 0	5	52	blue	high

*Different colours are available on request.



 **KRONE** *excellent*

Baler twines

...that hold!

...excellent Twine baling 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 Internet



Discover the world at KRONE and browse through our website pages to find facts and figures and also new developments plus a wide range of services. Explore our website and find out how versatile the KRONE world is.



News

Click here to find up-to-the minute information about KRONE – from new product presentations to show reviews. You are always up-to-date here.



Products

Find extensive information on our full product range. This section holds everything you need – from video clips to manuals.



Sales organisation

Here you find a distributor in Japan as well as your local KRONE dealer who will be pleased to support you. This is where you find your KRONE partner who will be pleased to assist you.



Jobs

Would you like to join our company? KRONE is often looking for diligent and motivated staff to work at our farm machinery factory as well as at our commercial trailer production plant. So, this section is always worth a visit.



Media center

The KRONE 'database' holds thousands of documents, pictures, test reports and much more. Here you find very detailed information on KRONE products that are of special interest to you.



Events

Are you in for a KRONE live experience? Check out for KRONE events and look at a machine on show or watch it during a demonstration. After all, there is little that is more effective than a hands-on experience.



Service

Here you find all the service information you require – from a point of contact at the factory to finance schemes for your KRONE machine as well as training schemes for staff and users.



Download Center

Are you looking for a KRONE calendar for your desktop or a smart picture for your presentation? Here, at the KRONE download center, you will find plenty of useful material for a wide range of projects.



Used machinery

KRONE often offers a wide range of demonstration or exhibit machinery. This is a good site to find your KRONE machine. Then contact your local KRONE dealer to arrange the details of a potential purchase.



Spare parts

24/7... This service gives you the opportunity to find your KRONE part at any time and without waiting. The KRONE Agro-parts Portal has an article number and exact description for every part. You can order the part instantly at your local KRONE dealer by sending an email to your KRONE sales partner.



KRONE shop

Are you looking for a gift or do you collect farm models? Then you should definitely shop around at our KRONE shop. We take your orders at any time of the day.

Your KRONE sales partner

Maschinenfabrik Bernard KRONE GmbH

Heinrich-Krone-Straße 10
D-48480 Spelle

Phone: +49 (0) 5977.935-0
Fax: +49 (0) 5977.935-339

info.ldm@krone.de
www.krone.de