Silage film
Product information
The KRONE excellent Slide high-end silage film product range offers three high-quality products for the best possible silage results and highest forage quality. The 5-layer excellent Slide silage films deliver optimum performance on all bale wrappers as well as round and square silage balers.
A product range that meets the needs of all harvest situations:
There is the common 750 mm film as well as the 500 mm film. With a running length of 1800 m, KRONE excellent Slide 500 is approximately 17% longer than the 750 mm silage film. This means a clear commercial advantage for small bale diameters.

<table>
<thead>
<tr>
<th>Product</th>
<th>Order no.</th>
<th>Width (mm)</th>
<th>Length (m)</th>
<th>Thickness (µm)</th>
<th>Layers</th>
</tr>
</thead>
<tbody>
<tr>
<td>SLIDE 500</td>
<td>926 938 0</td>
<td>500</td>
<td>1800</td>
<td>25</td>
<td>5</td>
</tr>
<tr>
<td>SLIDE 750</td>
<td>926 929 0</td>
<td>750</td>
<td>1500</td>
<td>25</td>
<td>5</td>
</tr>
</tbody>
</table>

Round balers with sheet wrapping
KRONE excellent RoundWrap is a new product in KRONE film line. With a width of 1,280 mm, the bale is completely covered. Thus it is optimally suited for sheet wrapping of KRONE round balers. The 5-layer film has an excellent adhesive property. It ensures that the pressed bale maintains its form.

<table>
<thead>
<tr>
<th>Produkt</th>
<th>Bestell-Nr.</th>
<th>Breite mm</th>
<th>Länge in m</th>
<th>Dicke in µm</th>
<th>Lagen</th>
</tr>
</thead>
<tbody>
<tr>
<td>RoundWrap</td>
<td>926 940 0</td>
<td>1,280</td>
<td>1,500</td>
<td>20</td>
<td>5</td>
</tr>
</tbody>
</table>
Production process of KRONE excellent Slide *high-end* silage films

KRONE excellent Slide:
KRONE excellent Slide silage film is made of polyethylene. In the manufacturing process, approximately ten different raw materials are melted in five extruders and blown to a film. Each of the five layers has a unique property which is accounted for by the individual raw material (e.g., UV-stability, tack characteristics, resistance to tearing). These five layers are then joined inside a roller assembly to form KRONE excellent Slide 500 and 750 silage film.

The polyethylene granulates are melted in five extruders and blown to a slide each.

The five layers that make up the KRONE excellent Slide film offer the following properties:

**KRONE excellent Slide 500 and 750**

1st layer: UV-stability
2nd layer: Resistance to puncture
3rd layer: Resistance to tearing
4th layer: Elasticity
5th layer: Clinging

**Priorities**
High UV-stability
Mechanical strength
Good cling ability

**KRONE excellent RoundWrap**

1st layer: UV-stability
2nd layer: Resistance to puncture
3rd layer: Resistance to tearing
4th layer: Elasticity
5th layer: Clinging

20 µm

25 µm
How can you tell a silage slide is good quality?

Number of film layers
Find out about the number of film layers as indicated by the manufacturer. A 5-layer film offers a very high oxygen barrier which has a positive influence on fermentation and conservation of the silage.

Elasticity
You should be able to stretch the film by up to 70 % on the wrapper. Lower-quality film often tolerates a stretch of only 50 - 55 %, which of course reduces the number of bales one roll will yield. All KRONE excellent Slide film guarantees a 70 % pre-stretch.

Resistance to tear and puncture
A tear and puncture resistant film will protect the bale during wrapping and in transit. When handling silage bales, ensure the tools and equipment you use is suitable for round bales. Using unsuitable equipment (such as a big bale grab) often causes (initially unnoticed) damage to the film and spoilage.

Wrapping properties and tack characteristics
Low-quality film may lose its cling properties in hot temperatures and as a result the individual wraps will not cling properly. KRONE excellent Slide silage films assure outstanding tack characteristics even in extremely hot temperatures. Thanks to its excellent wrapping properties, the film clings instantly and firmly to the bale, exemplarily pressing the air out of the bale and allowing fermentation to begin instantly.

Film pre-stretch should be up to 70 %

Only use tools which are suitable for the transport of round balers

The film should not lose its clinging ability in hot weather.
How many bales yield one roll?

Unlike net wrap, it is difficult to figure out how many bales one roll of stretch film will yield. This is down to a large number of factors (e.g. pre-stretch, number of wraps applied, degree of overlap of the individual wraps, etc.). The data listed in the following table was derived from practical experience.

<table>
<thead>
<tr>
<th>Length of the slide (m)</th>
<th>Width of the slide (mm)</th>
<th>KRONE excellent product</th>
<th>Pre-stretch of the bale wrapper (%)</th>
<th>Number of bales per roll of silage slide</th>
</tr>
</thead>
<tbody>
<tr>
<td></td>
<td></td>
<td></td>
<td></td>
<td>Bale diameter 1.20 m</td>
</tr>
<tr>
<td>1500</td>
<td>750</td>
<td>Slide 750</td>
<td>55</td>
<td>18</td>
</tr>
<tr>
<td>1500</td>
<td>750</td>
<td>Slide 750</td>
<td>70</td>
<td>20</td>
</tr>
</tbody>
</table>

This overview lists all advantages of KRONE excellent Slide silage films

- Blown 5-layer film provides maximum mechanical strength
- Enormous resistance to tearing and puncture
- Guaranteed stretch of up to 70 % without problem
- Excellent wrapping properties
- 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
- Absolutely environmentally sound material
With regard to silage films, KRONE reacts to the current market requirements and offers - in addition to the 5-layer high-end silage films - a reasonable standard line with three film layers with immediate effect. KRONE excellent Slide Smart is designed to meet, if possible, all customer requirements in the standard segment on the global markets. Due to this, these films are also available in white and black.

<table>
<thead>
<tr>
<th>Product</th>
<th>Order no.</th>
<th>Colour</th>
<th>Width (mm)</th>
<th>Length (m)</th>
<th>Thickness (µm)</th>
<th>Layers</th>
</tr>
</thead>
<tbody>
<tr>
<td>SLIDE 750 Smart</td>
<td>926 924 0</td>
<td>green</td>
<td>750</td>
<td>1500</td>
<td>25</td>
<td>3</td>
</tr>
<tr>
<td>SLIDE 750 Smart</td>
<td>926 922 0</td>
<td>black</td>
<td>750</td>
<td>1500</td>
<td>25</td>
<td>3</td>
</tr>
<tr>
<td>SLIDE 750 Smart</td>
<td>926 923 0</td>
<td>white</td>
<td>750</td>
<td>1500</td>
<td>25</td>
<td>3</td>
</tr>
</tbody>
</table>
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.

**Current issues**
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**
Inform in all detail about our entire product range. This heading covers all you need. From videos to instruction manuals - you can find everything compactly under this heading.

**Sales department**
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**
Are you looking for a KRONE calendar for your desktop or a great picture for a presentation? In the KRONE download area, you can find many useful things you can use for the design of different projects.

**Used machinery**
KRONE often has a wide range of demonstration or exhibit machinery on offer. 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. KRONE Agroparts portal offers each spare part with article number and a precise description. You can order the part instantly at your local KRONE dealer by sending an email to your KRONE sales partner.

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

---

**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