



**FOR BEST FEED QUALITY  
IN BALE FORMAT**

**TECBALE - THE AGRICULTURAL STRETCHFILM**

**EXCELLENCE IN FILMS**



## MEASURABLE PREMIUM QUALITY

A product is only as good as the process and components in which it is created.

The 7-layers agricultural stretch film TECBALE is the result of precisely selected raw materials and a well thought-out formulation. The parameter combination, which efficiently bundles the mechanical properties of the co-extruded film, was developed in close cooperation between POLIFILM development, application engineers and experienced market specialists. Each of the 7 layers fulfils its own purpose on the way to greater puncture and tear resistance and, in combination, ensures a precise mode of action and an ideal silage result.

### TECHNICAL DATA YOUR ADVANTAGES AT A GLANCE

PROPERTIES typical guide values, valid for 25 µm		VALUE	UNIT	METHOD
number of layers		7		
color		black, white, green		
film width		500 or 750	mm	
film thickness		25	µm	
UV-resistance		12 (at 110 kly) 12 (at 180 kly)	month	
tensile strength	MD	>38	N/mm <sup>2</sup>	DIN EN ISO 527-3
	TD	>34		
elongation	MD	>550	%	DIN EN ISO 527-3
	TD	>750		
dart drop		>15	g/µm	ASTM D1709
cling after 80% elongation		>4	N/m	Film Properties Tester ESTL
O <sub>2</sub> permeability		<1.800	cm <sup>3</sup> /m <sup>2</sup> in 24 h	DIN 53380-3



# 7 LAYERS FOR MORE HARVEST AND FLEXIBILITY.

## ONE FOR ALL. TECBALE- ALWAYS THE RIGHT SOLUTION.

Whether to reduce the share of transport costs in a large field-yard distance, for silage of small quantities from the late cut, simple reduction of the weather risk through separate winding and transport or for the simple tracking and control of the appropriate feeding - 1st cut for high-performance cows, 3rd cut for young cattle - bale silage convinces by many advantages.

## ALL INFORMATION AT YOUR FINGERTIPS WHETHER IN THE YARD OR THE FIELD

Instructions for use are needed during usage. Therefore there is a practical QR code on every roll package. This will take you directly to all relevant information, such as storage instructions and technical data. It can also be used to call up helpful processing tips.



## HIGH QUALITY. ECONOMICALLY THOUGHT THROUGH. FOR HIGHEST YIELDS.

The 7-layers agricultural stretch film TECBALE from POLI-FILM meets the highest demands on forage quality, is easy to handle and a real benefit for economical silage. TECBALE is extremely robust with optimum elongation at break and puncture resistance. It closes the cut safely from air due to its strong adhesion. The sophisticated layer technology of the film including UV absorber ensures an ideal fermentation climate inside the bale. The uniform film thickness produces - on all common wrapper types - stable bales that can be safely transported and stored.

TECBALE - the contribution on the way to good silage.

## THE MOST IMPORTANT ADVANTAGES AT A GLANCE

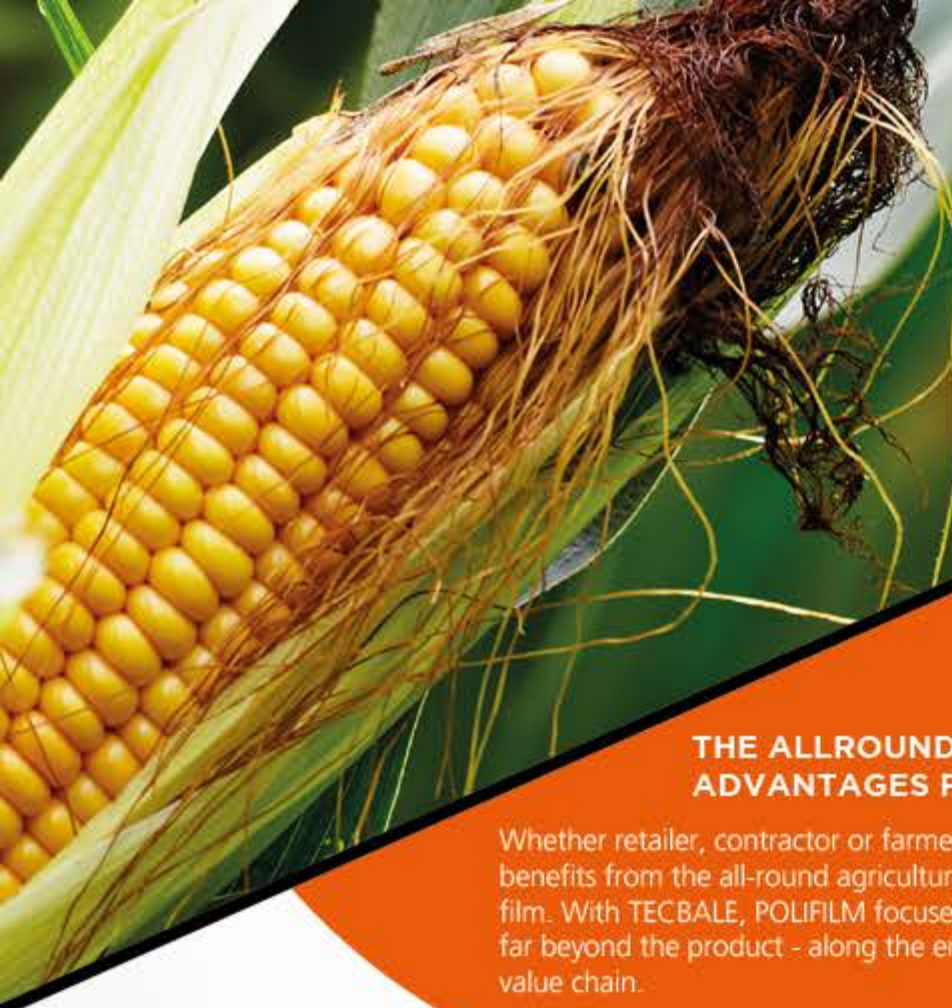
- ✓ Particularly resistant due to blow extrusion
- ✓ Time-saving thanks to smooth operation
- ✓ Cost-reducing due to reliable silage process and well thought-out film thickness
- ✓ High quality raw materials, processing and service
- ✓ Guaranteed feed quality for cattle, horses & Co. through permanent quality controls and the use of high-quality raw materials
- ✓ 100 % recyclable due to PE base
- ✓ UV resistant up to 12 months



 **TECBALE**  
7 LAYER | BLOWN STRETCH FILM

QUALITÄT MADE IN GERMANY





### THE ALLROUNDER WITH ADVANTAGES FOR ALL.

Whether retailer, contractor or farmer, everyone benefits from the all-round agricultural stretch film. With TECBALE, POLIFILM focuses on quality far beyond the product - along the entire value chain.

#### Good right from the start.

POLIFILM relies on selected raw materials from renowned suppliers. Because only good can turn into good.

#### Recipe MADE IN GERMANY.

POLIFILM developments are own in-house developments. Market experience and the knowledge of complex polymer chemistry flow into the formulations of our agricultural stretch films right from the beginning.

#### Together to the target (customer).

POLIFILM is a partner of the distribution industry - in Germany and throughout Europe. This is why we rely on long-standing relationships, which are based on intensive exchange and active sales support. Because only well advised customers are satisfied customers.

#### Every harvest has its time.

POLIFILM customer service offers attractive models for delivery times, storage and logistics.

#### Top technology for high-quality products.

TECBALE is produced on state-of-the-art machines in order to achieve the best possible results using uniform processing.

#### Trust is good. Control is better.

And we don't just wait until the end of production. Our films are continuously tested by trained POLIFILM employees in order to be able to react in time in the event of a need.

#### Transport protection included.

Well wrapped TECBALE films not only seal the cut sufficiently from oxygen, but also offer protection during transport from the field to the storage location.

#### Best Conditions.

The 7 layers of TECBALE films are designed to create ideal silage conditions. These include temperature regulation as well as gas formation.

#### RECYCLING

#### More than just harvest waste.

TECBALE agricultural stretch films consist of polyethylene (PE). A 100 % recyclable, water-neutral plastic. This means that the agricultural film used can be recycled into a new product, for example for the construction industry.

#### FEED

#### Appropriate feeding.

High-performance cattle have a different need than young cattle. These needs can be met by using silage bales, in which cuts of different quality are separated and silaged. TECBALE supports handling with an outer side suitable for writing on.

#### SILAGE PROCESS & STORAGE

#### APPLICATION

#### Easy application.

When silage is harvest, our films are primarily work equipment. However, our aim is that they are rather aids for the user. TECBALE is therefore easy to use, extremely adhesive and representative for a reduced roll change.

#### One for almost everyone and everything.

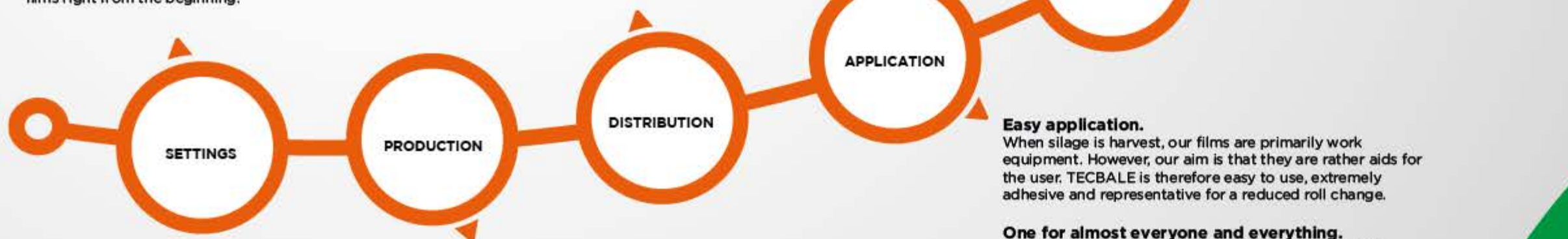
Flexibility is the key. That's why TECBALE films can be processed on all common wrappers and convince with their product advantages for both round and square bales. Regardless of whether they are wrapped in small, standard or maxi-format.

#### On-site service.

If unexpected challenges should arise in the application, POLIFILM application engineers are on hand to advise and act - directly at the machine, even in the field.

### IN THE SENSE OF CIRCULAR ECONOMY

As part of various initiatives, POLIFILM is committed to the responsible handling of agricultural films. These activities include the participation in recycling programmes. In Germany, for example, POLIFILM contributed to CO<sub>2</sub> savings of 19.500 tons caused by recycling used agricultural films. These savings are equivalent to the quantity of CO<sub>2</sub> that is binded by 1,4 million trees.







## YOUR CONTACT

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