

# Complete

## Product Information

**SILOSTOP**  
FILMS



24/11/22

Silostop Complete is UV stable, extremely tough **150 micron (6 mil)** single layer High Oxygen Barrier (HOB) silage film with an industry leading OTR of below  $0.2\text{cm}^3/\text{m}^2/24\text{hrs}$ . This is achieved through a multilayer extrusion process bonding layers of virgin polyethylene.

Silostop Complete sits against the silage surface reducing surface spoilage by restricting oxygen permeation, reducing the development of moulds and undesirable bacteria, including butyric acid bacterial spores in the peripheral areas of the clamp or bunker during the storage period. Trials have shown that High Oxygen Barrier films reduce dry matter (DM) losses in the top layer of the clamp by **41%** and reduce inedible dry matter by **73%** compared to non oxygen barrier films. Silostop Complete does not require a net covering and is hail proof.

Silostop Complete is a single layer film that should be unrolled onto the silage surface as soon as the clamp or bunker is filled. Where two separate films are joined there should be a 1.5m overlap. Silostop Complete does not need netting to protect it from hail and wildlife damage though it does need to be held in place with gravel bags or tyre sidewalls securing it against the silage surface. Silostop Complete is available in a wide range of sizes and is fully recyclable as it does not contain any cords or fibres.

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## Technical information

PROPERTIES		METHOD	UNIT	METRIC	IMPERIAL
Thickness		ISO 4591	Micron/Mil	150μ	6 mil
Weight		Internal	g/m <sup>2</sup>	145 ± 5%	145 ± 5%
Tensile strength at break	MD	ISO 527-3	N/cm - lbf/in	52 N/cm	30 lbf/in
	TD		N/cm - lbf/in	52 N/cm	30 lbf/in
Elongation at break	MD	ISO 527-3	%	550 ± 5%	550 ± 5%
	TD		%	600 ± 5%	600 ± 5%
Dart drop test		ISO 7765-1 (A)	Weight (gr)	1000 ± 5%	1000 ± 5%
OTR		ISO 151505-2	cm <sup>3</sup> /m <sup>2</sup> /24hrs	≤ 0.2	≤ 0.2
UV Resistance		Approximately 18 months depending on the region			

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Black/White - Multilayer Coextruded Film - 100% recyclable

Storage Temperature: -10°C to + 30°C (extended storage at temperatures above 35°C may compromise unwinding).

UV resistance guaranteed when suffered up to 50% deterioration of mechanical properties.

All mechanical tests are made at 23°C, 50% relative humidity. The values represent the median values obtained across a range of production batches.

OTR test are made at 0.21 bar or 21% O<sub>2</sub> under 23°C and 50% Relative Humidity.

Dart Drop test results are obtained at time of production and are typically lower in subsequent periods after production. Results can vary between one laboratory and another and so the values given here are indicative for information purposes only and do not constitute a minimum specification.

The information contained herein is based on our present knowledge and given in good faith. However, this shall not constitute a guarantee for any specific product characteristic and shall not establish a legally valid contract. Accordingly, the user shall determine the suitability of the products for their intended use prior to purchase and shall assume all risk and liability in the connection therewith. The information contained herein is under constant review and may be modified from time to time. Notification of all modifications will be made at the time of publication.