

Silostop Orange

Product Information

SILOSTOP
FILMS



24/11/22

Orange is the original **High Oxygen Barrier** silage film. A lightweight, flexible and tough, single layer, **45 micron** High Oxygen Barrier (HOB) film with an industry leading Oxygen Transmission rate (OTR) of below $1\text{cm}^3/\text{m}^2/24\text{h}$.

Orange clings to the silage surface eliminating air pockets and reduces 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 (HOB) films reduce dry matter (DM) losses in the top layer of the clamp by **41%** and reduce inedible DM by **73%** compared to non oxygen barrier films. Silostop Orange when combined with the Secure Covers Anti-UV netting generates **60% less plastic** waste than conventional covering systems.

Orange is a single layer film that should be unrolled onto the silage surface as soon as the clamp or bunker is full. Where two separate films are joined there should be a 1.5m overlap. Orange should then be covered with the Secure Cover Anti-UV and gravel bags. The Anti UV net protects the Orange from UV light and bird and wildlife damage while holding it in place against the silage surface. Orange is available in a wide range of sizes and is fully recyclable.

Technical information

PROPERTIES		METHOD	UNIT	VALUE
Thickness		ISO 4593	Micron (μ)	45 \pm 2%
Weight		Internal	g/m ²	43 \pm 2%
Tensile strength at break	MD	ASTM D882	MPa	36 \pm 5%
	TD	ASTM D882	MPa	32 \pm 5%
Elongation at break	MD	ASTM D882	%	800 \pm 5%
	TD	ASTM D882	%	800 \pm 5%
Dart drop test		ASTM D1709A	Weight (gr)	440 \pm 5%
Puncture properties		ASTM F1306	N	8 \pm 10%
			mm	12 \pm 10%
OTR		DIN 53380	cm ³ /m ² /24hrs	\leq 1
UV Resistance		No UV Protection		

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Orange/Black - 11 Layer Coextruded Film made of up to 25% recycled materials - 100% recyclable

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

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% O₂ 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.