

HD Wall Film

Product Information

SILOSTOP
FILMS



Silostop High Oxygen Barrier (HOB) wall films are tough, **110 micron 9 layer films** with an industry leading Oxygen Transmission Rate (OTR) of below $2\text{cm}^3/\text{m}^2/24\text{hrs}$. Available in sizes designed for common silage clamp wall heights they are the perfect solution for protecting walls and sealing the edges of silage clamps.

High Oxygen Barrier side wall films create a barrier between the wall of a silage clamp and the silage. Protecting clamp walls from damage caused by the acids within silage and ensuring an oxygen barrier seal against the wall and in the shoulders of the clamp.

High Oxygen Barrier side wall films should be used in a size/height 2m taller than your clamp walls allowing a minimum 1m of overlap on top of the silage and 1m below the silage. Wall films should be hung from the top of the wall panel to the base of the wall panel and held in place with gravel bags before filling the clamp. Where two wall films join there should be a 1m overlap.

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Technical information

PROPERTIES		METHOD	UNIT	VALUE
Thickness		ISO 4591	Micron (μ)	110 \pm 10%
Weight		Internal	g/m ²	103 \pm 10%
Tensile strenght at break	MD	ASTM D882	MPa	26 \pm 15%
	TD	ASTM D882	MPa	27 \pm 15%
Elongation at break	MD	ASTM D882	%	700 \pm 15%
	TD	ASTM D882	%	800 \pm 15%
Dart drop test		ASTM D1709-A	Weight (gr)	300 \pm 15%
Puncture properties		ASTM F1306	N	14 \pm 15%
			mm	12 \pm 15%
OTR		DIN 53380-3	cm ³ /m ² /24hrs	\leq 30
UV Resistance		No UV Protection		

24/M/22

Grey - 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% 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.