



(312) 625-1024



FEEDFRESH® 1-STEP O₂ BARRIER SILAGE COVER



High Puncture
and Tear
Strength

Ultra-Low
Oxygen Trans
Rate (OTR)
0.984 CC/M²/DAY

18 Month
Outdoor
Longevity

Reinforced
One-Step
Cover Install

FEEDFRESH®—ADDING INCREDIBLE VALUE AND PROFIT!

FeedFresh® silage covers combine proven product technology from our expertise in the grain and construction markets to produce the ultimate silage covering product. By utilizing our Dura♦Skrim® technology, we can offer the strongest cover available. Our experience with multi-layer gas barriers contributes to the ultra-low oxygen transmission rate (OTR) of this product. This allows FeedFresh® silage covers to provide superior strength and maximum forage freshness.

FeedFresh® OTR silage covers help both dairy and cattle producers to increase their bottom line, by maintaining high quality silage throughout the bunker for additional pounds of milk and increased weight gain-per-day.

LOWERING THE OTR

Input cost to harvest and store silage continues to rise, dramatically increasing the value of forage. When it comes to silage covers, FeedFresh® is no ordinary cover. It can significantly reduce feed waste by minimizing the amount of oxygen passing into the pile to preserve feed value. When the oxygen transmission rate (OTR) value is lowered, the silage will remain in a stable condition throughout the pile. FeedFresh® provides impressive results, by substantially lowering oxygen transmission and increasing overall value with a one-step installation. Basically, the lower the OTR, the fresher the feed—see how FeedFresh® compares!

IMPROVE YOUR RESULTS

FeedFresh® silage covers can help Dairy and cattle producers increase their bottom line by maintaining high quality silage throughout the bunker. By improving palatability results and increasing consumption through a more consistent feed intake, cows can produce additional pounds of milk for dairy producers and steer/heifer's can increase gain-per-day for cattle producers. VIAFLEX's exceptional 60 year history of product innovation, ISO 9001 certified management system, and our highest level of customer service and support, provide even more reasons to look to all your agricultural covering needs.

CUSTOMER TESTIMONIAL

"Prior to using FeedFresh® silage covers, we bagged haylage and built roll-over haylage piles, in both cases we experienced a fair amount of mold. The haylage we covered with FeedFresh® silage covers was pristine. The pile covered with FeedFresh® is by far the best haylage pile we have ever had at Cornerstone Dairy. Previously we consistently had four plus inches of moldy corn silage on our piles that needed to be removed prior to feeding. Since switching to FeedFresh® silage covers, we have experienced our cleanest corn silage ever, free of any mold, enabling us to feed out the entire pile. Other bonus factors when using FeedFresh® silage covers are the reduced labor required to deploy this oxygen barrier cover as it is available in one large piece, it is reinforced to withstand installation abuse and holds up to the punishing sun. After experiencing the impressive performance of the FeedFresh® silage covers, there is no compelling reason for us to ever switch back to the old way of covering silage!"

—Cornerstone Dairy

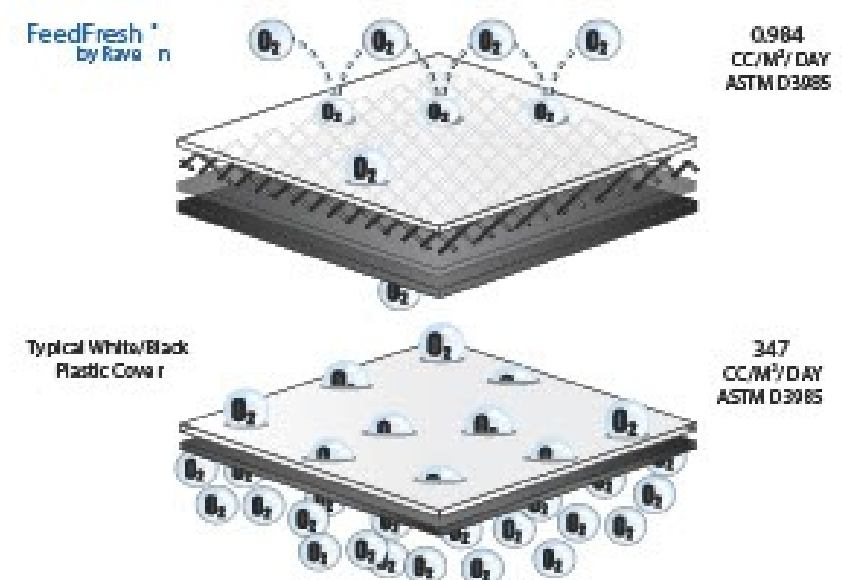
COMPARE LEADING OTR FILMS



Scale Comparison: The amount of force required to pull cover materials near the breaking point.

Golf Ball Comparison: FeedFresh® vs. competitive film using a golf ball to simulate direct impact force (similar to large hail), the competitor cover inverted to expose damage.

OXYGEN TRANSMISSION RATE (OTR)



Over 350 Times Less Oxygen (O₂) Passes Through FeedFresh® Silage Covers

OTR Rates Based on 21% Oxygen Transmission (Ambient Temperature)

Note: Please verify the white side of the cover will face upward when unfolding to avoid rolling out backwards and having to reposition an open cover. Cover seams should run vertically over the pile to allow for rain run-off from the pile.

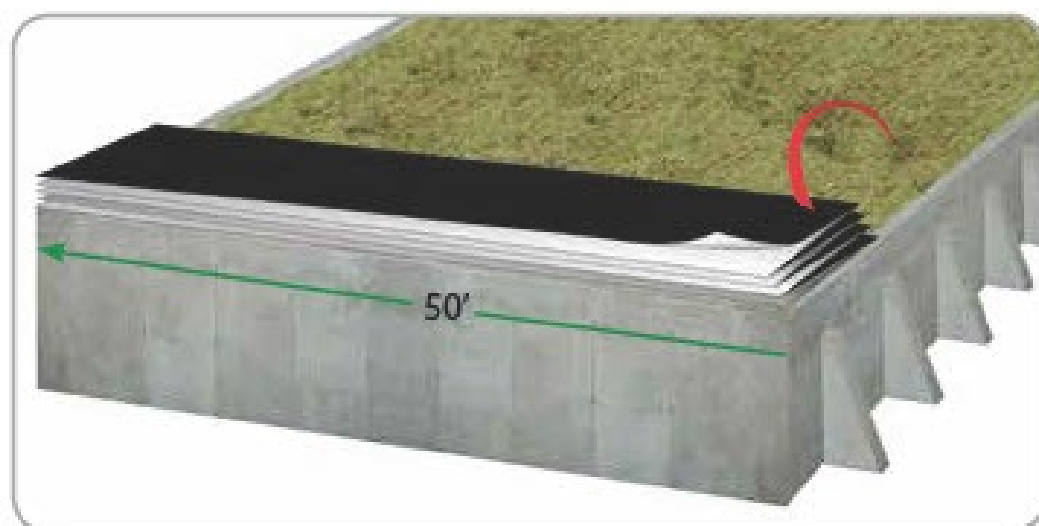
This is a typical cover size being unfolded and does not represent all FeedFresh® cover variations.

1
STEP

Unroll entirely across the **Width** of the pile.

2
STEP

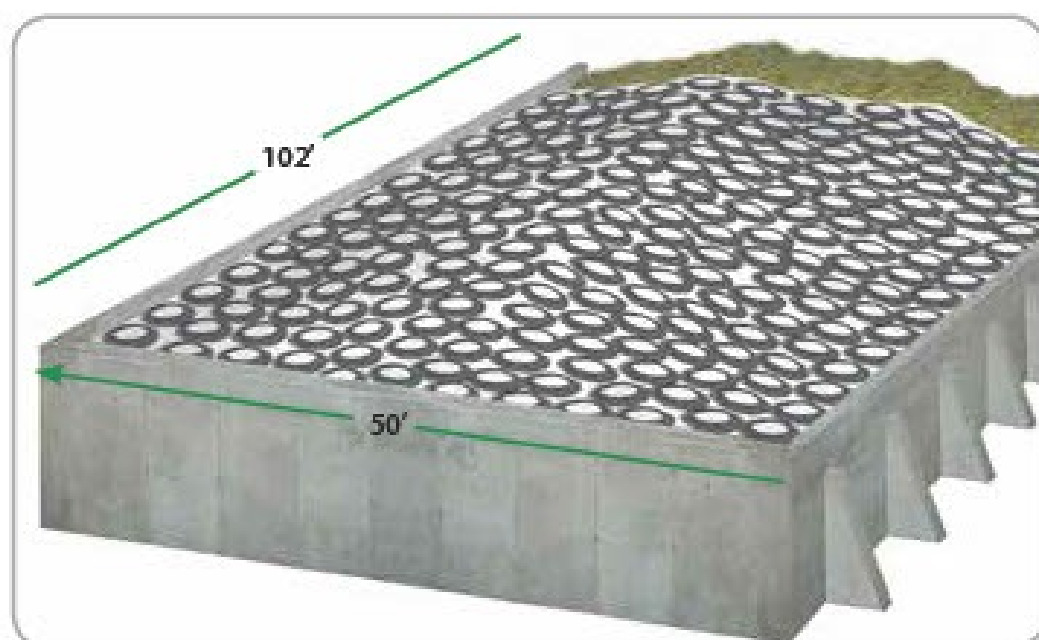
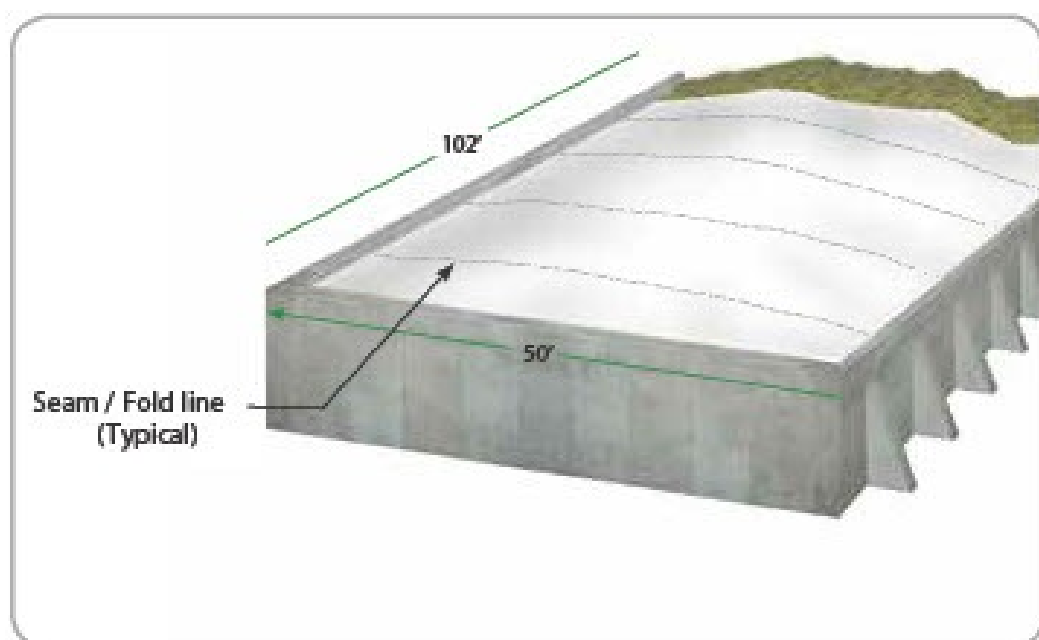
Unfold accordin-pleats along the **Length** of the pile.



Final Layout

VIAFLEX Silage Covering Recommendations

Covering is extremely important to keep air and moisture from penetrating into the silage mass. Plastic should be weighted down with some form of dunnage to keep the plastic tightly secured and in direct contact with the silage mass.



PROPERTIES	TEST METHOD	FEEDFRESH® RB7WB	
		IMPERIAL	METRIC
CONSTRUCTION		Extrusion laminated with scrim reinforcement	
APPEARANCE		White/Black	White/Black
THICKNESS, NOMINAL	ASTM D 5199	7 mil	0.18 mm
WEIGHT / AREA	ASTM D 4321	31 lbs/MSF	151 g/m ²
OXYGEN TRANSMISSION RATE (OTR) 21% OXYGEN PERMEABILITY (AMBIENT AIR)	ASTM D 3985	0.0635 cc/100 in ² /day	0.984 cc/m ² /day
OXYGEN TRANSMISSION RATE (OTR) 100% OXYGEN PERMEABILITY	ASTM D 3985	0.295 cc/100 in ² /day	4.565 cc/m ² /day
IMPACT RESISTANCE	ASTM D 1709 (A)	600 grams	600 grams
*TENSILE STRENGTH @ BREAK	ASTM D 7003	68 lbf/in	119 N/cm
ELMENDORF TEAR TEST	ASTM D 1922	> 3200 grams	> 3200 grams
PUNCTURE RESISTANCE	ASTM D 6241	220 lbf	993 N
**EXPOSED LONGEVITY	ASTM G7	**18 Months	
MAXIMUM STATIC USE TEMPERATURE		180° F	82° C
MINIMUM STATIC USE TEMPERATURE		-70° F	-57° C

*Tests are an average of diagonal directions.

** LONGEVITY varies with actual location and weather conditions, which include sun or shade, extreme heat or cold, wind, altitude, installation and many other variables. Due to these variables, exact longevity cannot be determined.



FeedFresh® Reinforced Oxygen Barrier (1-Step) Silage Cover is providing incredible value and profit to dairy and cattle operations across the country through superior strength and oxygen-blocking protection for maximum forage freshness.

FeedFresh® is a ten-layer reinforced extrusion welded laminate. The outer layers are produced from flexible high-strength premium polyethylene resins for optimal performance. FeedFresh® is produced with the latest in barrier technology and contains an inner layer of EVOH barrier resin to provide a virtually zero oxygen transmission rate. FeedFresh® outer layers include carbon black (black side), and UV and thermal stabilizers (white side) to increase outdoor longevity.

FeedFresh® is reinforced with a high denier scrim laid in a diagonal pattern spaced 3/8" apart with an additional machine direction scrim every 9" across the width to provide uniform tear resistance and excellent durability.



Scan QR Code to
download technical
data sheets.

Note: To the best of our knowledge, unless otherwise stated, these are typical property values and are intended as guides only, not as specification limits. Chemical resistance, odor transmission, longevity as well as other performance criteria is not implied or given and actual testing must be performed for applicability in specific applications and/or conditions. VIAFLEX MAKES NO WARRANTIES AS TO THE FITNESS FOR A SPECIFIC USE OR MERCHANTABILITY OF PRODUCTS REFERRED TO, no guarantee of satisfactory results from reliance upon contained information or recommendations and disclaims all liability for resulting loss or damage. Limited Warranty available at www.viaflex.com

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