

**The Ultimate in
Feed Storage Protection!**



Secure Covers

PRODUCT CATALOG

History

Secure Covers were developed in the United Kingdom by Thomas & Fontaine, Ltd. The initial purpose of the covers were to prevent damage to silage sheeting caused by birds. After covering bunkers with Secure Covers, alternative uses were discovered. The sheets have natural wind resistance so they are able to more effectively hold down your black and white plastic. The end result is less surface spoilage and eliminating the use of tires. The same interlocking mesh is used in Bag Armour™ and Secure Gravel Bags to make a universal product to cover all of your feed storage needs!



Better Than Tires

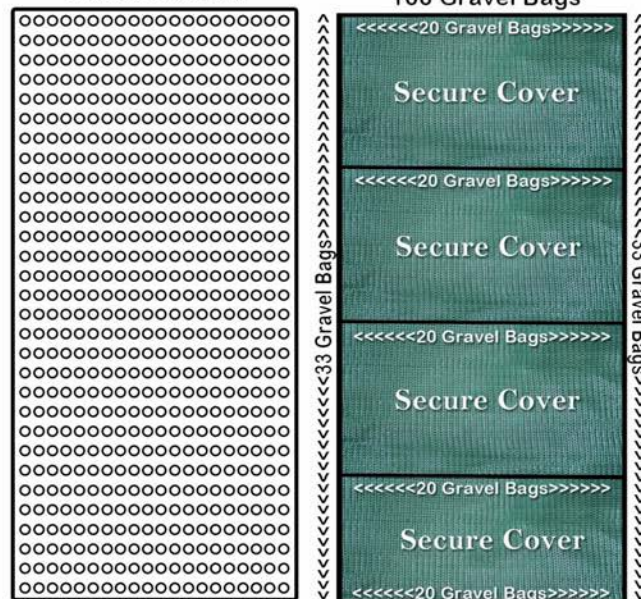
Dense interlocking weave for increased durability and wind resistance which results in more plastic silage contact for less spoilage!

Secure Covers are easy to install and take less time and manpower than tires!

Reusable AND a 10 year warranty!

60' x 100' Bunker
6000 sq ft @ 10 sq ft/tire
That's 600 tires!

Same 60' x 100' Bunker
requires only 4 (8x20)
Secure Covers and
166 Gravel Bags



"This year our corn silage pile was made a little bigger and we were short one Secure Cover. I told the boys we would put tires on that section. They didn't want anything to do with that idea"
~Dale in Minnesota

How Secure Covers work

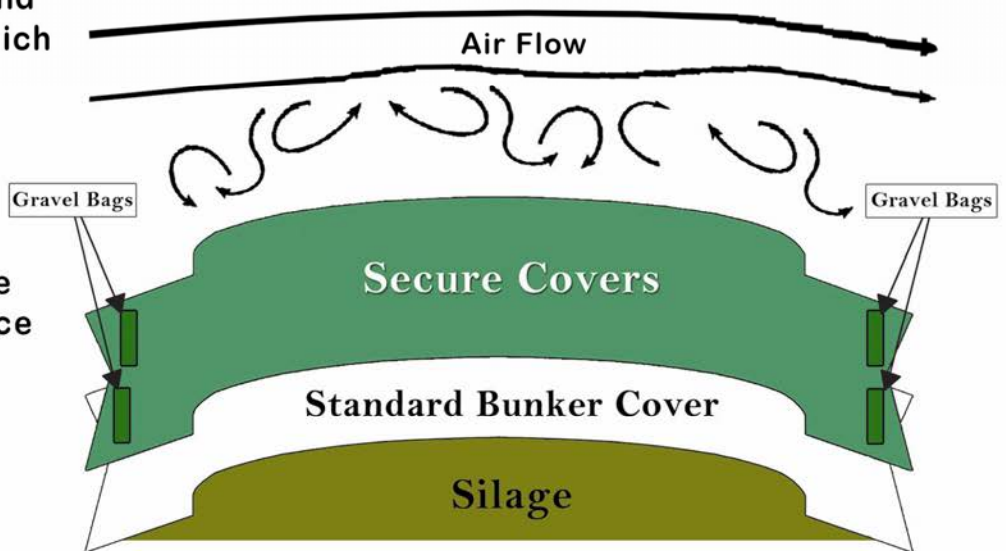
Skeptics of Secure Covers will often say, “How can a light weight fabric and a few gravel bags hold my plastic tighter to the silage than all those tires?”

Here’s how:

Secure Covers have a smooth and rough side. The rough side is placed away from the plastic and will decrease wind velocity which creates less lift on the plastic

The pliant fabric follows the contours of your bunker or pile keeping the plastic in close contact with the silage to reduce aerobic spoilage.

Secure Gravel Bags create tension over the Secure Cover. As a result weight is only needed on the edges and seams of the Secure Covers. (plastic overlap seams require additional weight)



Tires and other methods of holding down plastic work by weight only. In order to achieve the same end result as Secure Covers, tires would need to be strategically placed adjacent to each other over the entire bunker or pile. That requires literally tons of tires. Think of the labor hours wasted!

Why Secure Covers

Tough and Durable

EVEN COWS CAN STAND ON IT!

Made from high density virgin woven polyethylene mesh

Interlocking weave to prevent fray or unraveling

Reusable with an unmatched 10 year UV stable warranty

Convenience

Convenient and easy to handle sizes to make covering and feeding out a breeze

Sizes available to fit any size silage or grain bag, bunker, pile, pit, wrapped bale stack, and inline wrapped bale tubes

Fold sheets as they are removed and store for next year

Purchase enough to cover your entire pile, bunker, bag or just one piece at a time as your budget allows

10 Year UV Warranty

Thomas and Fontaine LTD warrant that the Secure Cover products, including Bag Armour™, Bale Armour, and Secure Gravel Bags, shall be free of defects in workmanship and ultraviolet breakdown for 10 years from the date of purchase. Defects or failures caused by accident or improper handling of the product according to recommendations voids the warranty. The warranty applies to the purchase value of the product only, not any consequential losses.

"We are very pleased with the Secure Covers and gravel bags. On Labor Day weekend this year we had a severe wind storm move through our county. Our whole county literally was without electric power due to down trees and power lines. I surely was surprised to see that the Secure Covers stayed in place. This is our first year with Secure Covers. I used them on June 2nd to cover first cutting haylage and feel they have already paid for themselves with better quality feed and no spoilage.

Thank You"

~ Martin in Wisconsin



Secure Covers for Bunkers and Piles

Reduce Spoilage

Secure Covers work using tension to hold the plastic sheeting closer to the silage and decreases wind velocity to give you high quality stored feed

Prevents damage to the plastic from hail, birds, people, vermin, and even cattle

No Tires Needed

Eliminates the use of tires completely to save you time and labor while covering

No places for vermin to hide

Reduces rumen reticulitis risks when tires are accidentally mixed in a TMR

Eliminate unsightly tires for a clean, "GREEN" look

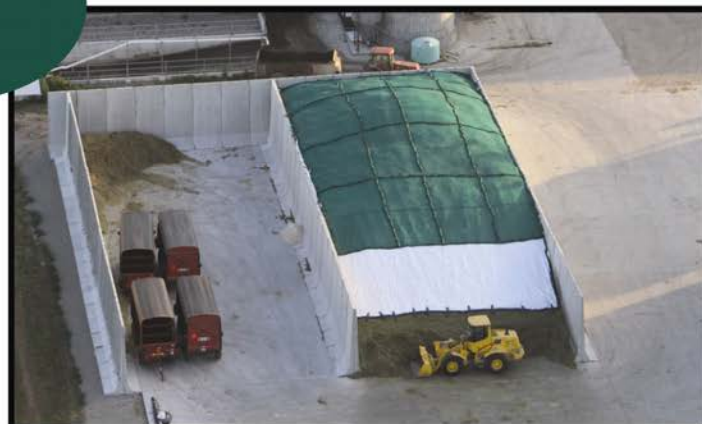
West Nile Virus

Reduce the risk of West Nile Virus by eliminating tires on your operation



Tires can become the perfect breeding ground for mosquitoes that carry the virus

For more West Nile Virus information visit: www.afsBagMan.com/SecureCovers.html



"In 2010 we tried the gravel bags and they worked so well sealing the bunkers along the walls and went down so fast, we decided to try the Secure Covers on one of our bunkers to see how well they worked. Well, we were very pleased. The Secure Covers, went on very fast and easy and held the plastic down even with windy conditions. Also didn't have to lug all them tires with Secure Gravel Bags. They worked out so well that we purchased enough to cover our other two bunkers."
~Dennis in Wisconsin

Bag Armour™ for Silage and Grain Bags

Prevent Plastic Damage

Saves feed quality and the financial burden of rebagging after damage from hail

Prevents birds, pets, deer, and children from puncturing holes in your bags

Covering Options

Crown Coverage covers only the top portion of the bag for protection from birds, hail, and other damage to the crown
Available in 13' widths

Ground to Ground Coverage covers the visible portion of the bag giving you protection from deer, raccoon, and other animals that are damaging or feeding from the bag
Available in 23' or 26' widths

Fits any diameter and brand of silage or grain bag. Sized in 49' length sheets to make covering, and feeding out, fast and easy

"We had to do something because the deer and turkeys used to just tear up the bags.

We have lots of deer up here and ever since we put the Bag Armour on, they don't get in anymore. The Bag Armour is definitely doing its job."

~Daryl in Wisconsin

"It keeps the crows and birds from picking holes in the plastic."

~John in Minnesota



Protect grain bags for less than a penny per bushel and silage bags for as little as 25 cents/ton!

New

Bale Armour

for Inline and Stacked Baleage

Prevent Plastic Damage

Saves feed quality and the financial burden of rewrapping after damage occurs

Prevents birds, pets, deer, and children from puncturing holes in your bale tubes

Improve long term feed quality of outdoor stored dry hay

Inline Bale Tubes

Crown Coverage covers only the top portion of a bale tube for protection from birds, hail, and other damage to the crown

Available in 6.6' widths to cover any round or square bale

Bale Stacks

Standard Secure Covers sizes are available for covered bale stacks

"It took me and my son 2-3 hours to cover my stacked hay with a hay tarp the last 3 years; the tarp was very heavy and awkward to deal with. Due to strong winds in this area, I was always worried the tarp wouldn't take the beating and, before 3 years was up, it was shot. This year, I covered the stacked bales of hay with plastic and then with Secure Covers-all in about 30 minutes and without help(a one man job!). Less than half the time at about half the cost-incredible! We had busted our butts to get the tarp tied down tight before, but this was a piece of cake!

~Jeff in Flemingsburg, KY

**BALE
ARMOUR**™



**NO
TIRES
NEEDED!**

Secure Gravel Bags

Better Than Tires

"CAN'T GET A ROUND TIRE AGAINST A FLAT WALL!"
Secure Gravel Bags fit snug along a bunker edge for a tight seal and less spoilage

Suitcase style handle makes carrying the gravel bag easy for everyone short or tall

Easily drain rain water so there is nowhere for mosquitos to live or vermin to hide

Stacks conveniently on a pallet

Specifications

Made from the same tear resistant fabric as Secure Covers

An unmatched 10 year UV stable warranty

Measures approximately 3' long with a filled weight of approximately 30lbs

Packaged empty in bundles of 20

Fill with 3/4" pea gravel

Heavy duty zip tie included

Choosing The Right Gravel Bag

Bunkers & Piles-choose any of the handle styles and apply end to end on all edges and seams

Crown Coverage for bags-choose the double side handle and hang every 10' on both sides of the bag

Ground to Ground Coverage for bags-choose any of the handle styles and apply end to end around the entire bag

Alternative Uses: tent weights, erosion control, and much more!

Standard End Handle



Single End and Side Handle



Double Side Handle (Suitcase Style)



"It sure saved a lot of time instead of lugging those tires all around. When it is windy the gravel bags seem to hold the cover down better than the tires did. My three grandchildren had fun filling up the gravel bags. The green color makes the bunker look nicer and neater!"
~Dennis in Minnesota



Alternative Uses

Truck Covers

Cover semi-trailers, straight trucks, and pick-up boxes when their contents are easily blown away

Easily attach with grommets and bungee cords for a secure fit

Convenient storage when not in use

Sunshades

Provides 75% shade for all of your livestock

Quick and easy to use

Easy to store when not in use

Attach quickly with grommet clips

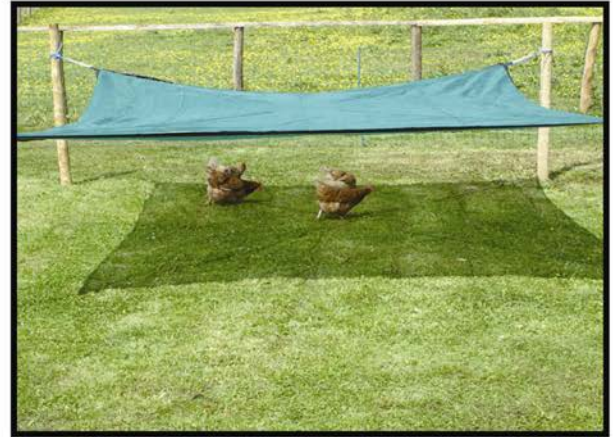
Custom sizes available

Windbreaks

Reduces wind by 75% giving your livestock comfortable conditions even when the wind is howling

Easy to install without drilling holes

Fully adjustable



Accessories

(Sold Separately)

Quick Grommet Clip

Designed to grab the Secure Cover fabric with its teeth and stay locked in place for as long as you need

Heavy Duty UV Resistant Zip Tie

Thousands of uses. Sold in bundles of 100. Comes with purchase of every gravel bag.



Sizes Available

Manufacturer Size	Sizes in feet	Manufacturer Size	Sizes in feet
8m x 8m	26.3' x 26.3'	8mx 20m	26.3' x 65.5'
8m x 10m	26.3' x 32.8'	8m x 22m	26.3' x 72.2'
8m x 12m	26.3' x 39.4'	8m x 25m	26.3' x 82'
8m x 13m	26.3' x 42.6'	8mx 32m	26.3' x 105'
8m x 14m	26.3' x 45.9'	12m x 16m	39.4' x 52.5'
8m x 16m	26.3' x 52.5'	12m x 20m	39.4' x 65.5'
8m x 17m	26.3' x 55.8'	2m x 15m*	6.6' x 49'
8m x 18m	26.3' x 59.2'	4m x 15m**	13.1' x 49.3'
		7m x 15m***	23' x 49.3'

*Bale Armour Crown Coverage sheets

**Bag Armour™ Crown Coverage sheets

***Bag Armour™ Ground to Ground Coverage sheets

Tips for Ordering and Installation

- Always place the rough side of the fabric up and away from the plastic when installing
- Secure Cover sheets should always overlap approximately 2'

Bunkers and Piles:

- When ordering it is best to know what size bunker cover you are using, otherwise make sure the height of the bunker or pile is factored into the dimensions
- Gravel bags should be placed along the perimeter, overlapping sheets, and plastics seams with extra weight put on the leading edge and feed face
- It is recommended to start with a smooth domed pile or bunker; if there are low spots extra Secure Gravel Bags are needed there
- Secure Covers require tension to work properly. Re-tightening is recommended once the bunker or pile has settled; this can be easily done by pulling up on the outside edge so the gravel bags roll into the low spots

Bags:

- Weight, in the form of gravel bags, is needed for Crown Coverage every 10' and at the seams. Double Side Handle Secure Gravel Bags are recommended for any application where the gravel bags are hanging. Always hang by the double handle.
- Ground to Ground Coverage needs weight around the entire perimeter of the bag at ground level

What is Spoilage Costing You?

1. Square Feet = Width x Length

- Example:
- 50' Wide Bunker x 100' Long Bunker = 5000 Square Feet

2. Cubic Feet = Width x Length x Depth

Most spoilage will occur at the surface, so this exercise will analyze the top foot.

- Example:
- 50' Wide Bunker x 100' Long Bunker x 1' Deep = 5000 Cubic Feet

3. Density = University research states that 45 – 55 Pounds per Cubic Foot is a good target

- Density is necessary in order to estimate value. Higher densities reduce oxygen levels and spoilage rates.

4. Value of Silage

- Corn silage value rule of thumb is Bushel Price x 10 = Value of 1 ton of corn silage
- Example:
- Today's Price is \$6.00 per Bushel x 10 = \$60.00 per Ton

5. Moisture = the % of water in your stored feed

- For this exercise, we will assume 65% moisture. According to University research 65 – 70% is the target.

What size is your bunker?

Width ____ X Length ____ = Square Feet ____

Width ____ X Length ____ X 1' Depth = Cubic Feet ____

Cubic Feet

Depth of Visible Spoilage - Change in Color of Feed
(Color Change is one indicator)

2" of Spoilage = Divide Cubic Feet by 6

4" of Spoilage = Divide Cubic Feet by 3

6" of Spoilage = Divide Cubic Feet by 2

Have you had your bunker density measured?
If not, assume a density of 45 pounds per cubic foot.

Density

What is the measurement of your visible spoilage?
Multiply the depth of your visible spoilage in cubic feet
by your Density estimated above.

Cubic Feet ____ X Density ____ = ____ lbs

Divide Your Answer by 2000 to convert to Tons

Tons of Silage

How much is that Silage Worth?

Tons ____ X Value \$ ____ per ton = \$ ____

Value of visible spoilage - Does not take into account
off flavors and odors which a cow "nose" is there!

At a corn silage value of \$60/ton, 6" of spoilage on a 50x100 bunker will cost you \$3,375 a year!

Applying the Secure Covers system to a 50 x 100 Bunker:

(4) 8m x 16m (26.3' x 52.5') Covers @ \$441 each = \$1764

150 Gravel Bags @ \$2.95 = \$442.50

Total for Secure Covers system on a 50 x 100 = **\$2,206.50**

Over 10 years the Secure Cover System is only \$220/year. Think of the savings!



We cannot guarantee 100% elimination of spoilage.
However, the Secure Covers system has aided in notable
reduction of surface spoilage on bunkers across the country.

“The Secure Cover System has helped us immensely. We have slopes that we can’t pack with a tractor and are too steep to keep the tires on. We put the Secure Covers on them and weight them down on the top and bottom. The covers take the place of all the tires that used to slide to the bottom of the pile. We used to pitch loader buckets of spoilage off these slopes. Since we started with the covers we haven’t pitched any! I will be buying more in the future.” John in New York

“The gravel bags are much nicer to work with than tires and they conform to the pile especially on the edges and seams. It’s also a good feeling to know that your feed is well protected from animals or hail. Also it looks great!” Gary in Wisconsin

Lawrence from Illinois related his experience, “ I am so happy with Secure Covers. It is so easy! I put the plastic down along with a Secure Cover and it settles down from the wind right away. The job usually takes a group of guys to handle. Now, I simply don’t need to work that hard to cover my bunker.”



Available From:

**Bag Man, LLC
PO Box 162
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800-796-5333
www.afsBagMan.com**

**US Master Distributor
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www.afsBagMan.com**

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