



GREAT LAKES
PLASTICS, LLC

info@greatlakesplastics.com

574-301-5608

***YOUR #1 SOURCE FOR ALL YOUR
FORAGE PROTECTION NEEDS!***



Forage Protection Products & MORE!

60726 County Road 11 | Goshen, IN 46526

ProNet XP



**Turning
Hard Work
into Perfect
Results**



**LEFT-RIGHT
INDICATOR**



**END OF ROLL
WARNING**



**ANTI-UV
PROTECTION**

MADE IN EUROPE

FEATURES:

- UV Stabilized
- Less knots per mesh
- Left/Right indicator
- Red end of roll indicator
- Roll cradles
- Roll handles
- Length measurement of each single roll

SUGGESTED NUMBER OF WRAPS	
No. of Wraps	Crops
2.5	Alfalfa
3.5	Straw, cereal grains, coastal Bermuda, and wheat hay
4.5	Cornstalks, sudex, haygrazer, milo stalks

ProNetXP sets the new standard for quality, performance and roll consistency with our line of net wrap. Proven time and time again, our net wrap is your worry-free solution to a well-made bale. Manufactured for use in almost every baler on the market.

Eagle Wrap

LENGTH/feet: 7000 9000 9840 12000

WIDTH/inches: 48 51 64 67

HIGHEST QUALITY | MAXIMUM STRENGTH | HIGHEST RESISTANCE

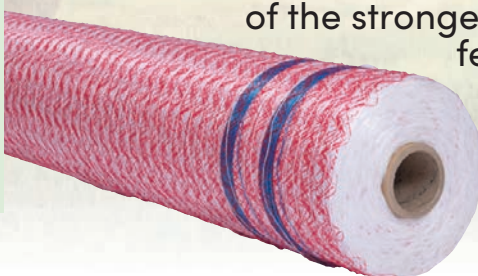
END WARNING 75m

HIGHEST QUALITY Maximum strength Highest resistance

KARATZIS S.A.
Industrial Area, Heraklion, Crete, Greece

AVAILABLE SIZES:

48" x 9,840'
48" x 12,000'
51" x 12,000'
64" x 9,000'
64" x 7,000'



Eagle Wrap® represents a latest evolution of Great Lakes Plastics bale netwrap technologies. Eagle Wrap® is a wide mesh netwrap with 25 reinforced chains. The result is one of the strongest bale netwrap available, with all features of Great Lakes Plastics Bale Net wrap. Eagle Wrap® is designed specifically for Vermeer balers, along with John Deere, New Holland, Case IH and others.

Blue Lake Netwrap

Netwrap

Manufactured in Portugal
100% Virgin Resin
Longer rolls equals less handling
High UV Protection
Best Value

AVAILABLE SIZES:

48" x 13,200'

51" x 12,100'

64" x 9,700'



DuraWRAP™

Black Net Wrap
completely binds bales from
end to end, keeping them
densely wrapped and more
weather resistant for
higher-quality hay.

- Strongest net wrap on the market
- Provides superior coverage because it keeps its shape and doesn't get narrower as it stretches.
- Resists punctures and tears for safe and reliable transport
- Tight wrap means water is quickly shed off the bale
- Springs off the bale for hassle-free feeding, especially during winter months



AVAILABLE SIZES: 48" x 5,000' • 64" x 5,000'

Gold Line XL

GOLD LINE XL

**Advantages of the
Gold Line XL Netwrap:**

- 40% More Feet Per Roll
- Easy Lifter Carry Handles
- Longer rolls means less down time

**Longer - Lighter
Stronger**



Blue Lake Poly Twine



- Only virgin plastic resin used in manufacturing process
- Specifically treated UV inhibitor for protection against light degradation
- State of the art manufacturing equipment
- Higher knot strengths

Poly Twine

110 x 20,000 SB	80/pallet
110 x 20,000 Solar	80/pallet
130 x 20,000 DB	75/pallet
130 x 9,000 SB	48/pallet
170 x 9,600 DB	60/pallet
190 x 7,200 SB	70/pallet
210 x 6,500 SB	48/pallet
240 x 6,500 SB	48/pallet
245 x 8,500 SB	36/pallet
350 x 4,000 SB	48/pallet
440 x 4,000 SB	48/pallet
550 x 4,000 SB	48/pallet
650 x 3,800 HD SB	48/pallet
700 x 3,500 HD SB	48/pallet

20000/110 Solar Degradable Twine

- Will begin to degrade once exposed to the sun
- Retains approximately 50 to 60% of its strength for 3 to 6 months
- Rate of degradation depends on sunlight amount and intensity

Blue Lake Sisal Twine

Sisal Twine

9,000 Treated
7,200 Treated
10,000 Treated
16,000 Treated/Untreated
20,000 Binder Treated/Untreated
26,000 Binder Treated/Untreated



Bale End Caps

- 93" x 72" Heavy Duty 5 ml
- 110" x 72" Heavy Duty 5 ml
- White
- UV treated



Bale Bags



For single bale outside storage of wet bales of hay, round or square. Available for bales up to 6 feet in diameter. 4 ml thick, UV protected. Bags are sold for one time use purpose.

STANDARD SIZE

110"x132"x4mil

BALE SIZE

4' to 6'

20 bags/roll: 20 rolls/pallet



3X SILAGE FILM



Quality is Great Lakes Plastics' top priority, we are a leader in a very competitive market and will work hard to earn our customer's confidence in our products.



3X Super Wrap is a 3 layer blown poly developed for an ever demanding industry. It has very high tear resistance and puncture resistance. It is backed with a 12 month warranty. 3X Super Wrap is available in various sizes and thicknesses to meet our customers needs.



1 mil = 20" x 6000' per roll
1 mil = 30" x 5000' per roll
1.2 mil = 30" x 4100' per roll
1.5 mil = 30" x 3250' per roll
24 rolls per pallet

Durable 3-Layer Construction
Varying thicknesses available

5X SILAGE FILM

FEATURES:

- 5 layer film.
- UV stabilized.
- High elongation at break that minimizes breaking and tearing during the pre-stretch process.
- High puncture resistance to withstand piercing dry stalks and angular corners of square bales.
- Excellent adhesive strength due to unique glue coating method.
- Excellent air exclusion
- Plastics cores.
- Good opacity and color density offer best protection from sunlight.
- Uniform rolls.
- 5X stretch film is a co-extruded multi-layer film, which is manufactured with special latest-generation polyethylene co-polymers that provide excellent resistance to impacts and to tears.
- Our unique formulation makes it ideal for high-performance wrapping of silage fodder square and round bales.
- Our stretch film is manufactured with a special designed extrusion and winding system.



24 Rolls per pallet • Thickness = 1 ml • Length = 5000'

7X SILAGE FILM



7X is made to perform on high-speed bale wrapping machines, on individual square bales and on the most demanding dry forage wrapping.

FEATURES:

- 12-month UV stabilization
- Stocked in White
- 7-layer, co-extruded blown film
- Blow extrusion technology, creating a strong, resistant film when stretched both in transverse and longitudinal direction
- Consistent opacity and color density for protection against sunlight to improve fermentation
- Manufactured using the highest quality of raw materials
- Thickness control to eliminate weak spots and have uniform thickness throughout
- Minimal gas permeability with a special barrier formulation that reduced CO₂ loss and O₂ intake
- Premium adhesive strength to keep a tight seal, resistant to air and water and achieve optimal silage fermentation.

24 Rolls per pallet • Thickness = 1ml • Length = 5000'

Net Replacement Film



Designed specifically for balers such as Orkel, Krone, McHale, GOWEIL, John Deere and others that have the Net Replacement Film capabilities.

Net Replacement Film (NRF) is a type of film made from high-performance resin used as an auxiliary product for balers instead of net wrap. It is primarily used for baling crops that are to be ensiled. Net replacement film is less elastic than regular net wrap, which means that the bale is held more tightly. The wrapping process also means there are often more than eight layers of plastic around the bale, making it difficult for air to penetrate, improving silage quality and storage life.

- 50'4" x .075 x 5906'
- 20 Rolls per pallet
- 100-120 bales per roll
- 100% Recyclable





HAYMAX PLUS Hay Preservative

Controls molds and fungi in high-moisture stored grains and forage hay.

Guaranteed Analysis

Propionic acid Min. 68%
Acetic acid Min. 2%
Citric acid Min. 2%
pH 5.5 to 5.8

Packaging

55 gallon drum (480#)
300 gallon tote (2400#) or
full semi load (Bulk)



HAYMAX PLUS Hay Preservative

FEATURES AND BENEFITS

- Consistent results
- Bale hay at higher moisture for higher feed value
- Mold Control
- 30% higher leaf content
- Bale any time of day
- Bale as high as 30% moisture
- More protein per acre

Silamax Water-Soluble 250T

Ingredients

Dried Enterococcus Faecium fermentation product, dried Lactobacillus Plantarum fermentation product, dried Pediococcus Acidilactici fermentation product, beta-Glucan (encapsulating agent), dried aspergillus Oryzae fermentation extract, dried Bacillus Subtilis fermentation extract, fungal alpha-Amylase, and green dye.

Guaranteed Analysis

Minimum total viable Lactic-Acid producing bacteria in colony-forming units (CFU) per g: 250 billion CFU/G (Enterococcus Faecium, Lactobacillus Plantarium, Lactobacillus Acidophilus, Pediococcus Acidilactici)



Cellulase	93,000,000 Units/lb.
Fungal Amylase	93,000,000 Units/lb.
Bacterial Amylase	93,000,000 Units/lb.
Beta-Glucanase	25,000,000 Units/lb.

Available in 50 Ton and 250 Ton Water Soluble packs
Also available in Granular Form - 50 lb. bags

MAGNIVA[®] TITANIUM

**MAXIMIZES THE VALUE OF YOUR
RATION WITH MORE STABLE, HIGH QUALITY
AND PALATABLE SILAGES**

DRIVE FERMENTATION	ENHANCE FEED DIGESTIBILITY	IMPROVE FEEDOUT STABILITY
+++++	+++++	+++++

New Product
**Buchneri
Inoculant**

MAGNIVA[®] Titanium combines elite lactic acid bacteria USED FOR with high activity enzymes to drive a fast, hygienic ensiling fermentation and improve feed digestibility. MAGNIVA Titanium also contains Lactobacillus buchneri NCIMB 40788 at high inclusion rate – the only silage inoculant reviewed by the FDA to allow claims for improved aerobic stability – for maximum feedout stability and minimum spoilage.

USED FOR

- High-moisture corn (HMC), earlage, snaplage
- Silages to be fed during warmer temperatures
- Crops exposed to challenging field conditions that can lead to yeast and mold growth
- Haylages over 35% dry-matter (DM) and baleages
- Corn silage above 32% DM
- Ensiled crops that will be transported or relocated

MAGNIVA[®] CLASSIC

**INCREASES DRY MATTER AND NUTRIENT
RETENTION FOR MORE HIGH QUALITY FEED**

DRIVE FERMENTATION	ENHANCE FEED DIGESTIBILITY	IMPROVE FEEDOUT STABILITY
+++++	+++++	+++++

MAGNIVA[®] Classic combines elite bacteria and enzymes to help drive a fast, efficient fermentation, increasing lactic acid production for a stable, low final pH to control silage quality.

USED FOR

- Corn silage
- Alfalfa and legume silage
- Grass haylage
- Cereal silages
- High-moisture corn (HMC)

MAGNIVA[®] SILVER

**IMPROVES DRY MATTER RECOVERY AND STABILITY
DURING FEEDOUT FOR HIGHER QUALITY FEED**

DRIVE FERMENTATION	ENHANCE FEED DIGESTIBILITY	IMPROVE FEEDOUT STABILITY
+++++	+++++	+++++

MAGNIVA[®] Silver combines two specifically selected strains of bacteria with high activity enzymes to drive fermentation for the fastest pH drop, reducing up-front losses and preventing spoilage fermentations, along with producing some acetic acid to reduce heating when exposed to oxygen during feedout.

USED FOR

- Corn silage
- Grasses
- Legumes
- High moisture grains
- Whole cereal crops
- Low dry matter (DM) crops produced in challenging conditions

HITEC SHEETING



HiTec manufactures wide 3-layer black/white silage films. The white layer, facing the sky, reflects heat and prevents overheating of the stored product, while the black layer assures total opacity which is necessary for maintaining the quality of the stored product and its nutrient value. Due to their 3-layer structure the films have lower gas-transmission than monolayer films and lead to better fermentation of the stored product, hence in better quality of the animal feed and more milk production.



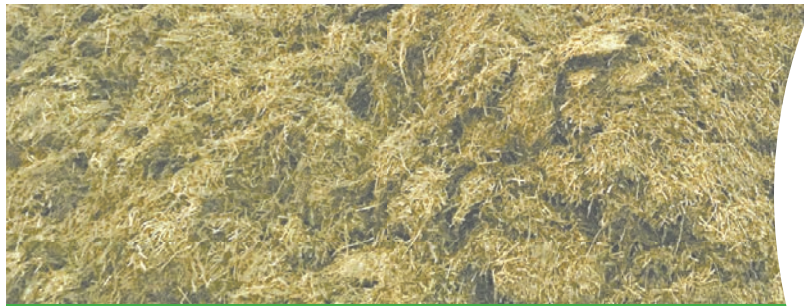
HITEC BAG

PROVEN VALUE GREATER CAPACITY

BECAUSE OF OUR UNIQUE RESIN FORMULATION

USER PROVEN
- THE STRONGEST BAGS

HiTec manufactures wide 3-layer black/white silage films. The white layer, facing the sky, reflects heat and prevents overheating of the stored product, while the black layer assures total opacity which is necessary for maintaining the quality of the stored product and its nutrient value. Due to their 3-layer structure the films have lower gas-transmission than monolayer films and lead to better fermentation of the stored product, hence in better quality of the animal feed and more milk production.



HITEC

UNDERLAY

UNDERLAY SYSTEM - HOW IT WORKS

- During fermentation oxygen is consumed creating a “mini-vacuum” that pulls the flexible Underlay® tightly against the feed surface eliminating air pockets.
- The silage adheres to the thick Underlay® sheet rather than the thick top layer sheet, increasing recycle value of the thick top layer sheet.
- Underlay® is a 2nd fire wall in case of damage to the top layer.
- Proven System - in use for 30+ years in Germany & other parts of Europe.

2-In-1 Combo Option

- 5 mil Silage Sheeting & 1.6 mil Underlay® in a single roll
- Unroll and Unfold both films in one fast and easy operation
 - 5 mil holds down the 1.6 Underlay® during installation



FOR BEST RESULTS:

Pack silage well, cover as soon as possible, overlap 5' if possible and pack feed with minimum of 50% moisture.

SuperProtect®

NEW
PRODUCT!

UNMATCHED STRENGTH TO REPLACE SCRIM REINFORCED FILMS

Introducing **SuperProtect®**. Designed to provide superior crop protection and replace scrim reinforced products. **SuperProtect®** offers a **lighter, more flexible, recyclable, and stronger** solution. Developed with advanced materials, this **7-layer PE film** resists punctures and tears for applications requiring high performance. Also available in **EVOH Absolute Oxygen Barrier versions**.

UNBREAKABLE PERFORMANCE

Exceptional tear & puncture resistance to help you safeguard your crop during or after film installation.

RECYCLABLE

SuperProtect® is the only **recyclable** solution in the market that can exceed the strength of scrim reinforced films.

EFFORTLESS INSTALLATION

SuperProtect® is **lightweight and flexible**, making installation quick, easy and safe.

ULTRA-WIDE WIDTHS

Save time and costs from installations by benefiting from **widths up to 150ft!**

APPLICATIONS

- | | | |
|--|--|---|
| <ul style="list-style-type: none">• Silage covers• Grain pile covers• Hay covers | <ul style="list-style-type: none">• Lumber covers• Insulation liners• Construction sites | <ul style="list-style-type: none">• Building enclosures• Erosion control |
|--|--|---|





SuperProtect PLUS®

A REAL OXYGEN BARRIER SILAGE FILM

SuperProtect Plus® is a very strong and flexible **7-layer barrier**, that includes a thin EVOH layer in the middle. Having 50 times lower O₂ permeability than PE, SuperProtect Plus® prevents the entry of O₂ in the silo, thus improving the conditions of anaerobic fermentation and resulting in less spoilage and higher quality of the stored product.



7-layer



Oxygen Barrier



UV stabilized



100% virgin



Recyclable



Lightweight

50 times lower O₂ permeability than conventional silage films

Thinner, still stronger than a standard 6 mil (150 mic.) PE film

Easier to handle and install

Safely packed with PE film + non-woven cover for additional protection

Soft & flexible, it fits better on the silo and creates less air pockets

Available at very **large widths**, up to 130'

Possible folding x16 for easier transportation & storage

THE ORIGINAL FORTRESS COVER

The **Fortress Cover** is a protective cover placed on top of the silage sheeting, keeping the sheeting in constant contact with the silage. The Fortress Cover eliminates the need to completely cover the pile with tires, saving time and labor. The Fortress Cover gives protection from hail, birds, deer etc. Fortress Covers may also be used on Silage Bags or rows of wrapped hay with many different sizes available.



- 12 year warranty on UV degradation.
- Stainless Steel Grommets allows easy securing of cover.
- Double stitched hem around the perimeter.
- Unmatched quality will ensure many years of use.
- Endless list of uses, Windbreak, Sunscreen, Silage Bag Cover.
- Fortress Covers fold easily making storage convenient.
- Professional fit and finished product.
- Ships easily.



FORTRESS COVERS

SIZES

METERS

FEET

4m x 16m	13 x 52
8m x 13m	26 x 42
8m x 14m	26 x 45
8m x 17m	26 x 55
8m x 20m	26 x 65
8m x 22m	26 x 72
8m x 25m	26 x 82
8m x 32m	26 x 105
8m x 36m	26 x 121

Fortress Gravel Bags



The Fortress Gravel Bags conform to the pile and along bunker walls, creating a tight and constant seal. The Gravel Bags also work great along the face of the silage pile to keep air from migrating under the plastic.

Size: 5"x40"

20 PK

200 PK

Roll Stands

Increasing efficiencies, saving time, and reducing costs is the key to success on the farm. With the E-Z Roll Stand, you will save time with the dual roll system and reduce waste by not creating any more partial rolls. Just cut off only what you need. It's designed with two roll bars so you can have both your oxygen barrier and black/white sheeting roll stored together.

BUILT WITH A UNIVERSAL QUICK ATTACH FOR A SKID LOADER



**HEAVY DUTY
STEEL
CONSTRUCTION**



PRODUCT GUIDE

Bale Wrap

3X Super Wrap (1 mil)	24/Pallet
3X Super Wrap (1.2 mil)	24/Pallet
3X Super Wrap (1.5 mil)	24/Pallet
3X Super Wrap (20")	24/Pallet
5X Super Wrap (1 mil)	24/Pallet
7X Super Wrap (1 mil)	24/Pallet

Bale Tubes

4' x 150	40/Pallet
4' x 220	40/Pallet
5' x 150	40/Pallet
5' x 220	32/Pallet

End Caps

93 x 72 (5 mil)	25/Pallet
110 x 72 (5 mil)	25/Pallet

Bale Bags

110 x 132	20/Pallet
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Sisal Twine

9,000	50/Pallet
7,200	50/Pallet
10,000	50/Pallet
16,000	50/Pallet
20,000 Binder	35/Pallet
26,000 Binder	35/Pallet

Poly Twine

110 x 20,000 SB	80/pallet
110 x 20,000 Solar	80/pallet
130 x 20,000 DB	75/pallet
130 x 9,000 SB	48/pallet
170 x 9,600 DB	60/pallet
190 x 7,200 SB	70/pallet
210 x 6,500 SB	48/pallet
240 x 6,500 SB	48/pallet
245 x 8,500 SB	48/pallet
350 x 4,000 SB	48/pallet
440 x 4,000 SB	48/pallet
550 x 4,000 SB	48/pallet
650 x 3,800 HD SB	48/pallet
700 x 3,500 HD SB	48/pallet

Net Wrap

48" x 9,840'	16/Pallet
48" x 11,800'	16/Pallet
48" x 13,200'	16/Pallet
51" x 9,840'	16/Pallet
51" x 11,800'	16/Pallet
51" x 12,100'	16/Pallet
64" x 7,000'	16/Pallet
64" x 9,000'	16/Pallet
64" x 9,700'	16/Pallet
67" x 7,000'	16/Pallet
67" x 9,000'	16/Pallet

Propionic Hay Acid

480 lb Drum	4/Pallet
2400 lb Tote	1/Pallet

*No Deposit Required

WE SHIP DAILY!

We Ship Anywhere
United States & Canada

NOW ACCEPTING:





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Silage Bags

7 x 150	10 x 200
7 x 200	10 x 250
8 x 100	10 x 300
8 x 150	10 x 350
8 x 200	10 x 400
8 x 250	10 x 500
8 x 300	12 x 200
9 x 150	12 x 250
9 x 200	12 x 300
9 x 250	12 x 500
9 x 300	14 x 300
10 x 150	14 x 500

Grain Bags

9 x 300 9.5 mil
10 x 300 9.5 mil
10 x 500 9.5 mil
12 x 250 9.5 mil
12 x 300 9.5 mil
12 x 500 9.5 mil

Silage Sheeting/ 4 mil SS

60 x 200	80 x 1,000
60 x 1,200	100 x 1,000
66 x 1,200	
66 x 1,700	

Silage Sheeting/ 6 mil

24 x 100	66 x 200
24 x 150	66 x 1,200
24 x 200	80 x 100
24 x 1,200	80 x 150
32 x 100	80 x 200
32 x 150	80 x 250
32 x 200	80 x 300
32 x 1,200	80 x 1,000
40 x 100	100 x 100
40 x 150	100 x 150
40 x 200	100 x 200
40 x 1,200	100 x 250
50 x 100	100 x 300
50 x 150	100 x 1,000
50 x 1,200	120 x 200
60 x 100	120 x 250
60 x 150	120 x 300
60 x 200	120 x 500
60 x 250	120 x 800
60 x 300	132 x 250
60 x 500	132 x 600
60 x 1,200	140 x 600
66 x 150	

2 in 1 Combo

40 x 200	60 x 500
50 x 200	60 x 1,200
50 x 1,200	66 x 150
60 x 200	66 x 1,200

Underlay/Barrier Film

40 x 150	66 x 1200
40 x 200	66 x 1700
40 x 1,200	66 x 4000
50 x 200	80 x 200
50 x 1,200	80 x 1,000
60 x 200	100 x 200
60 x 1200	100 x 500
66 x 200	100 x 1,000

Bunker Wall Plastic /Black

18' x 1,200' rolls

Repair Tape/6mil

2" x 108' 24/Case
3" x 108' 16/Case
6" x 108' 8/Case

Inoculant/Buchneri - Liquid or Dry

50 ton Water Soluble
100 ton Water Soluble
250 ton Water Soluble
500 ton Water Soluble
50 lb. Bag Dry



Fortress Cover Sizes

Meters	Feet	Meters	Feet
4 m x 16 m	13 x 52	8 m x 20 m	26 x 65
8 m x 13 m	26 x 42	8 m x 22 m	26 x 72
8 m x 14 m	26 x 45	8 m x 25 m	26 x 82
8 m x 17 m	26 x 55	8 m x 32 m	26 x 105
		8 m x 36 m	26 x 121

Fortress Gravel Bags

Size: 5" x 40"
20 pk 200 pk



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Net Wrap | Twine | Bale Film | Bale Tubes
Bunker Covers | Silage/Grain Bags
Prop. Acid | Inoculant | Fortress Covers

**WE SHIP
DAILY!**

We Ship
Anywhere
United States
& Canada