

RAVEN

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RAVEN
GRAIN COVER
SOLUTIONS

RAVEN GRAIN COVER LINE-UP

Protector™ woven-coated and GrainMax™ scrim reinforced polyethylene



EXECUTIVE GRAIN COVER

The Raven Executive Grain Cover is a conical shaped, fitted cover, made of heavy-duty reinforced material; custom fabricated to fit your needs. The Executive Grain Cover panels are joined together by the Raven RainFlap™ system. Each tip area is reinforced with our exclusive YokeLift™ system; a combination of webbing straps and heavy-duty vinyl material, custom fitted to your tower lift ring.



ECONOMY GRAIN COVER

The Raven Economy Grain Cover is a four-piece, non-fitted cover, available as a stepped or angle-cut durable reinforced polyethylene material. The Economy Grain Cover also includes the Raven YokeLift™ system to help protect your cover from stresses caused by a lift ring. Each section is joined together with the Raven RainFlap™ seam system or by sewing the panels together in the field.



RECTANGLE & OVAL GRAIN COVERS

Raven Engineered Films can custom manufacture grain covers for any shaped bunker utilizing our 8 to 20 mil woven-coated or scrim reinforced polyethylene. Bunkers with towers requiring more than one section can be joined together using our impressive RainFlap™ seaming system or by field seaming. Covers for bunkers with round corners can be stepped to reduce extra weight and material for ease in handling.

GRAINMAX™

PROTECTOR™

Why Choose **RAVEN?**

Over the past 60 years, customers have trusted Raven to meet their specialty agricultural film needs. Here are some reasons why:

ONE-STOP SHOP

Raven is your one-stop shop, where you can choose from virtually any size agriculture film product, from silage and grain covers to critical TIF™ fumigation films. When you buy from Raven, you can count on us to provide exceptional value by manufacturing your order in-house from start to finish.

OUTSTANDING SERVICE

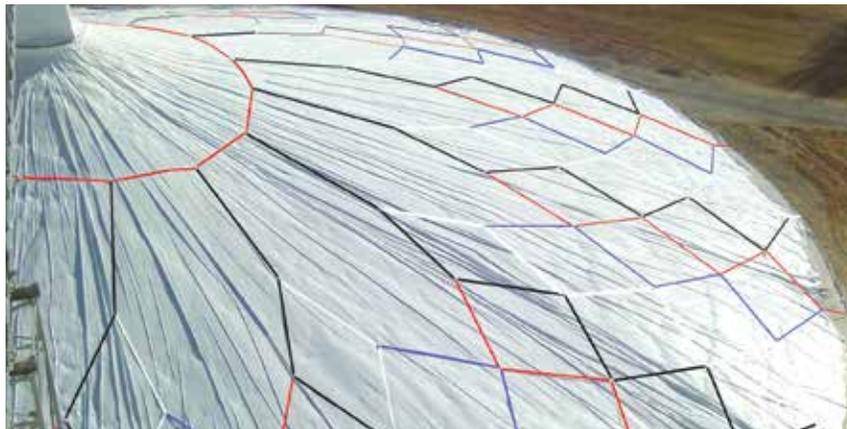
At Raven, we put our customers first. Our experienced sales staff will handle your call courteously and efficiently, by providing a timely price quote including availability and freight cost to your location. We also provide dedicated product specialists to work directly with you and your staff to assist with product training and project solutions.

OPTIMIZE VALUE

Our products are designed to maximize the total value for your application; we give you cost-effective choices for your agricultural film needs.



Scan QR Code to learn more at www.ravenag.com



EXTERNAL WEBNET™ SYSTEMS

Raven External WebNet™ Systems are available for oval bunkers and two round options—Heavy Duty and Light Duty. Both systems are made using 2" wide webbing and held tight to the grain pile with 2" ratchets, mounted to the side of the wall or earth anchors.

The WebNet™ System is easily assembled in the field. Joining the strap sections on the Heavy and Light Duty WebNet™ System is done with Raven's fast and simple T-Lock™ Fasteners. Both WebNet™ Systems are color coded for ease of assembly.



FORTRESS™ INTERNAL STRAP SYSTEMS

FORTRESS™ Internal Strap Systems are custom designed to provide secondary grain cover protection and are available with any of our standard GrainMax™ and Protector™ grain cover options.

The system design integrates a custom built strapping system directly into the cover, allowing for ease of installation. The quantity of straps depends upon the amount of reinforcement required for each unique installation. FORTRESS™ Internal Strap Systems are manufactured with 2" wide, high-tenacity webbing with 9,000 lb. tensile strength. The system includes 2" ratchets, that can be mounted to the containment wall or earth anchors to keep the cover held tightly to the grain pile.

FORTRESS™ Internal Strap Systems are available for oval, rectangle, and round grain cover choices.

Raven VALUE

Raven works hard to provide customers with exceptional value by producing our products to the highest internal specifications.

CUSTOMER SOLUTIONS

When you're looking for more than an everyday solution, just call Raven and we'll get the job done. We've custom designed agricultural barrier films for unique applications, modified existing products, introduced new versions and colors — you name it, we've done it!

Extensive engineering and R&D efforts are focused on custom solutions to meet your requirements through our comprehensive product development center including state-of-the-art pilot extrusion lines as well as a modern, well-equipped accredited testing laboratory.

QUALITY ASSURANCE

The core mission of every Raven employee is to deliver high quality service and product to our customers. Helping you make informed and accurate choices about the products you need is an objective that we all take very seriously.

All Raven products are manufactured through our stringent quality-controlled management system.



RAVEN AG ACCESSORIES



RAVEN YOKELIFT™ SYSTEM

The Yokelift™ system increases tarp strength and decreases cover stress in the lift ring area; the greatest stress point during installation. Raven Yokelift™ systems are produced with heavy-duty vinyl tarp and durable webbing to securely fasten to woven or scrim reinforced polyethylene tarps for overall cost reduction, while still providing superior cover performance.



RAVEN RAINFLAP™ SYSTEM

The RainFlap™ system is a custom easy-to-use, seaming method available as an add-on to your Raven grain covers. The RainFlap™ design utilizes a convenient Velcro® attachment for seamless joining of cover panels, removing the need for bulky sewing equipment.



RAVEN T-LOCK™ CONNECTOR

Exclusive Raven T-Lock™ Connectors are used on FORTRESS™ Internal Strap Systems (Round Covers) and in External WebNet™ Systems.



RAVEN 2" RATCHETS

Raven Strapping Systems include 2" Ratchets that can be mounted to the side of the containment wall or earth anchors to keep the cover held tightly to the grain pile.

RAVEN



Grain Storage Solutions

- Any Shape, Any Size
- Custom Oval, Round & Rectangle Grain Covers
- External WebNet™ Systems
- Fortress™ Internal Strap Systems
- GrainMax™ String Reinforced & Protector™ Woven-Coated Covers

GRAIN STORAGE SOLUTIONS TO FIT YOUR NEEDS

Raven Engineered Films has been helping customers with their feed storage needs for over 60 years; with high-quality innovative oxygen barrier (OTR) silage covers (FeedFresh®), and durable grain storage covers (GrainMax™ and Protector™). Raven offers exclusive secondary grain cover security through WebNet™ (external net systems) and our unique FORTRESS™ (internal strap systems).

Raven is dedicated to implementing sustainable product solutions in the markets we serve, and specific to our grain cover segment we offer a convenient cover pick-up service through a leading dealer-partnership under our Ag Cover Recycling Program. This program is available to all existing Raven customers purchasing GrainMax™ or Protector™ covers, as well as to new customers who purchase a Raven cover and wish to use the recycling program to pick up their previous cover. Give us a call to learn more about our Ag Cover Recycling Program or request a quote to try out this environmentally friendly service today.

Our products are designed to provide quality solutions at a competitive price. All Raven products developed and produced in our Sioux Falls, SD, Madison, SD; Brandon, SD; and Midland, TX facility are manufactured in a quality-controlled environment under our stringent ISO 9001 certified management system to assure we achieve complete customer satisfaction and continuous improvement in all phases of our business. Our recently acquired facility located in Pleasanton, TX is operationally compliant with our internal quality control standards and is targeted to start preparation in attaining ISO 9001 certification.



Contact our experienced Ag Team Specialists to discuss your next project at efdag@ravenind.com; let us introduce you to our impressive line of products!



Raven Engineered Films Division has been helping customers with their agriculture film needs for over 60 years.

Raven Industries, recognized as one of the 200 best small companies in America*, has the resources to ensure longevity in the markets we serve. Rely on both our fiscal strengths and combined expertise to get the field-proven products you need to increase your bottom line.

**Forbes Magazine.*

THE RAVEN ADVANTAGE

SIZE IS NO PROBLEM.

We produce some of the widest ranges of size, material and thickness in the industry today, including large custom-fabricated one-piece stepped panels up to 8,000 lbs.

COMPLEXITY IS NO PROBLEM.

Raven has over 60 years experience in the flexible film and sheeting manufacturing industry, and provides a level of expertise in engineering and fabricating to meet even the most complex requirements. Whether your need is simple or multifaceted, we can engineer a product for your toughest demands.

FULL SERVICE PROVIDERS.

We provide what you need, when you need it. Raven is an innovative manufacturer who stands behind the products we produce with quality craftsmanship. Need a product outside of our standard product lines? We house a state-of-the-art product development center including pilot extrusion lines and a fully equipped accredited testing laboratory. Our team of product development specialists work closely to guide you through the entire process from conceptual ideas to scale-up products. Additionally, we offer custom print options to promote customer brands.

SOLVING GREAT CHALLENGES.

Raven Industries' ultimate purpose is to solve great challenges in the areas of safety, feeding the world, and resource preservation. The Engineered Films division of Raven is committed to producing essential film and sheeting for the containment and protection of earth's natural resources. We are dedicated to developing targeted product solutions that not only solve precise application challenges, but integrate sustainable environmental design practices for long-range performance.

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