

# GRAIN COVER SYSTEMS

## GrainMax™ Protector™

# OVAL/REC UNFOLD GUIDE

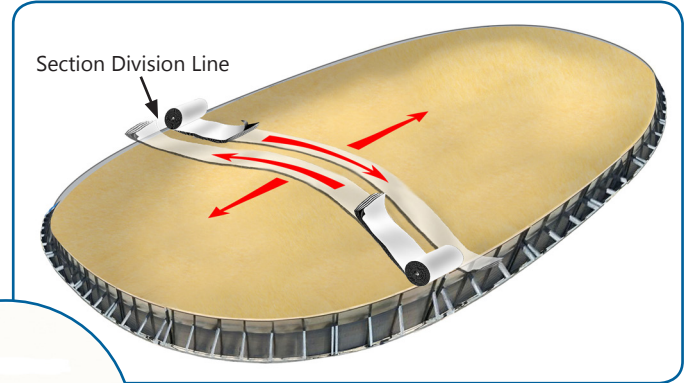
## MULTI-PIECE COVER EXAMPLE

(Read All Notes Before Starting Cover Installation)

Note: Before unrolling, verify white side of cover will face upward to avoid unrolling backwards and repositioning cover.

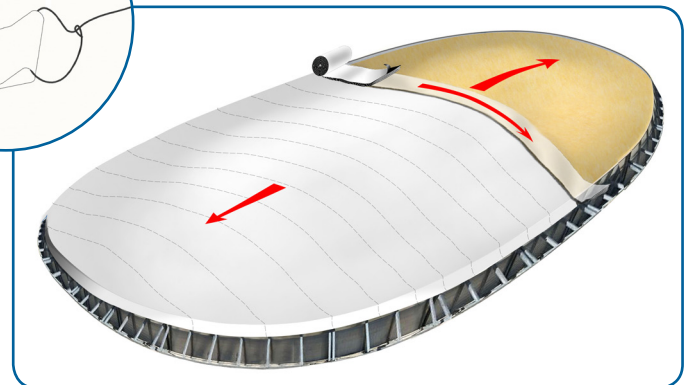
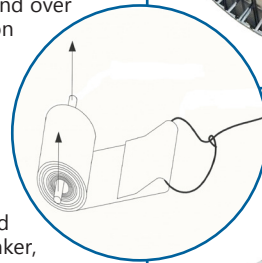
# 1 STEP

- ◆ Divide bunker into sections based on the number and width of pieces required (start at the end of the bunker the wind is coming from).
- ◆ Piece #1 should be aligned at the 1st section division line. Place a pipe through the roll core and hang chains from a forklift, loader or other piece of equipment down to each end of the pipe to dispense roll. Carefully remove wrapping, as to not cut grain cover. Remove and retain installation instructions if attached.
- ◆ Tie a rope noose around the first 10 feet of cover and fold back on itself. Rope goes up and over the pile to a pulling vehicle (a ventilation tube on top ridge keeps rope from sinking into the grain).



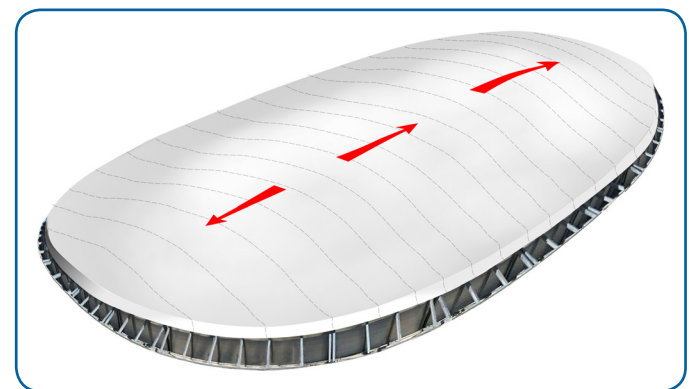
# 2 STEP

- ◆ Dispensed across width of the pile with an equal distance of overhang on both sides. Piece #2 will be placed next to Piece #1 and dispensed across the width of the pile (depending on the fold configuration and access alongside bunker, rolls may need to unspool off the bottom or the top or deploy from the opposite side of bunker to assure cover unfolds correctly).
- ◆ Join pieces #1 and #2. Unfold Piece #1 down the end slope, white side up (check fold configuration prior to dispensing). Unfold Piece #2 the opposite direction. Utilize ballast or turn vacuum fans on to help secure if necessary.



## Final Layout

- ◆ Place additional pieces next to the previous deployed edge, continue to dispense, join and unfold additional pieces as required.
- ◆ If the bunker has a tower inside, unroll the cover section on each side of the tower. You will need to cut the cover to fit around the tower. Scraps from outside edges can be used to fill voids in the tower, if needed.
- ◆ Trim cover to about a two foot over hang around the sides of the bunker. Wrap a 2" X 4" in the edge of the cover as a batten strip and screw or nail it to the bunker wall.



**CONSIDERATIONS:** Check weather conditions prior to starting your installation, do not try to deploy covers in windy conditions. During and after deployment, some type of ballast must be used to prevent wind from taking control of the cover material, aeration fans may also be utilized. Typically, sandbags are used for ground piles without aeration and should be placed as required to prevent damage to the cover during installation.

Depending on the current wind conditions, the crew should be able to take advantage of a slight breeze by pumping a layer of air under the cover to help float the material while deploying. If at any time the air underneath becomes too excessive, the deployment crew should pull the cover closer to ground level to help push out some of the air. If a large wind gust comes up during deployment, the crew should hold the material down to the ground temporarily until the wind gust passes.

Some multi-panel covers are different widths, so be sure the panels are deployed correctly. Most often, this situation exists when towers are present. Depending upon your system, aeration fans can assist in holding the cover down during deployment.

Note: To the best of our knowledge, these are typical installation procedures and are intended as guidelines only. RAVEN INDUSTRIES MAKES NO WARRANTIES AS TO THE FITNESS FOR A SPECIFIC USE OR MERCHANTABILITY OF PRODUCTS OR GUIDELINES REFERRED TO, no guarantee of satisfactory results from reliance upon contained information or recommendations and we disclaim all liability for resulting loss or damage. Limited Warranty available at [www.RavenEFD.com](http://www.RavenEFD.com)

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