

Installation Instructions for PINNACLE MD HMW & PINNACLE HD UHMW Bedliners

Every liner installation will vary from one to another. If you have any questions regarding your installation please contact your sales person.

You will need the following basic tools to complete your installation:

- *Tape Measure
- *T-Square
- *Drill
- *Circular Saw
- *Chalk Line
- *C-Clamp Vise Grips
- *1 ¼" Spade Bit
- *Cargo Bars or Hydraulic Jack
- *Hardware Provided
- *Come-Along Ratchet Pullers
- *Wrenches, Ratchet Set, or Air Ratchet
- *Reciprocating Saw or Jigsaw

- Install liner on a flat surface if possible. If the floor is wavy and has significant depressions, the liner in time will conform to the layout of the floor. Fill in any lower areas with scrap plastic, plywood, steel or aluminum to help prevent any premature wear of your new liner.
- Unroll Liner:
 1. **PINNACLE MD HMW:** Unroll and flip the liner over so the natural curve of the liner is facing down.
 2. **PINNACLE HD UHMW & PINNACLE HD350 UHMW HiTemp:** Unroll and flip the liner over so the natural curve of the liner is facing down. Score marks must be facing up if applicable. For System HD350 the Tail Kit must be at the rear end of the truck with the steel facing down.
- Measure the length of the truck bed or trailer. Measure from the front of the bed to the very rear of the bed. The formula for determining how much the liner will expand or contract with variable temperature is $.0013 \times \text{length of truck bed in feet} \times \text{degrees in temperature change}$.

For Example: A 20 foot liner installed @ 65 degrees F and used in an operating temperature of 100 degrees F will expand approximately 0.91" ($.0013 \times 20 \times 35 = 0.91$) **When installing asphalt dump truck liners a different formula is used. Cut 1.5 inches of plastic off for every 10' of body length.**

- Mark the center of the liner at both the front and rear. Also mark the center of the dump truck or trailers. Make sure the center of the liner lines up with the center of the dump truck box or trailer.
- **SCORE LINER USING DIMENSIONS FIGURED FROM ATTACHED DIAGRAM**
- Make sure the score marks on the liner (if applicable) are facing up
- Use C-Clamp Vise grips and Come-Along Ratchet Pullers to form the liner into a "U-Shape"
- Lift liner into dump truck box or trailer. You can use a forklift or a lifting device to help for heavier liners
- Fasten in an elevator bolt or self-tapping screw on each side of the doghouse through the liner. Place these fasteners in a spot where they can be left in permanently. This will keep the liner from shifting when it is being forced down into the corners.
- Remove C-Clamp Vise grips and Come-Along Ratchet Pullers
- Use Cargo Bars or Hydraulic Jack force the liner down into both corners of the dump box or trailer. As long as the liner is flush, or comes to within an inch of the bottom of the corners you can proceed to the next step. Future hauled loads on the liner will help it settle into the corners.
- Install and fasten hardware provided to the front section of the liner. Use bolt pattern provided with your hardware kit. Do not put fasteners through fusion welds on Pinnacle HD Liners. Use silicone caulking provided with hardware kit to form a seal between the liner and the bulkhead and hoist box.
- Install Coverstrips (For 120" and wider Liners Only)
Leave a 1" space between liner and coverstrip. Use 1 ½" space for Asphalt Liners. Use hardware provided. Also use silicone caulking on the top edge of the coverstrips to help prevent material from getting underneath. Allow 3-4 hours for the silicone to dry before use.