

## INSTALLATION

There are several characteristics one should know about UHMW before installing a liner.

UHMW is much easier to work with if it is warm. Unroll the liner in a warm area for several days prior to installation if possible, or set the liner in the sun on a warm day in the unrolled position to allow the material to relax. Space heaters also speed the relaxing process.

**CAUTION:** UHMW and HMW are flammable if exposed to direct flame.

UHMW expands and contracts with temperature fluctuations. The general Rule-of-Thumb is 1” of expansion or contraction for every 10’ of material length or width, for every 100 degrees F of temperature variation.

Example: A 120” x 30’ liner will expand and contract 3” in length and 1” in width from a cold winter day to a hot summer day.

(Refer to the expansion chart in your installation instructions)

It is imperative that the liner be attached in the nose of the trailer only. Proper space should be left under the cover strips and at the rear of the liner to allow the liner to expand and contract under the cover strips and throughout the length of the trailer to prevent buckling of the liner.

Material that is hauled can sometimes work its way under the liner. This causes high spots that will accelerate the wear of the liner in these areas. If material works its way under the liner, advise your customer to take time to wash it out using a pressure hose. Taking basic care of the liner will protect their investment.

Prior to shipping each liner we reverse curl the liner. This is a process that we find effective in reducing the END CURLING, sometimes experienced when hot asphalt or fly ash is hauled. UHMW has a memory and wants to resume its previous shape when heated. By reverse curling the liners prior to shipping, the shape it wants to resume is the “curl down” position. We realize that flipping the liner over is sometimes an inconvenience but we feel that the end result justifies the reverse curling.

### **HINTS FOR INSTALLATION:**

- SCORE LINES ON LINERS ARE ALWAYS UP.
- Weld beads (if extrusion welded always down).
- Install liner at temperatures around 70 degrees F or greater if possible. Heat liner or allow it to sit in direct sunlight. (If a warm day)
- Use Load-Lock bars to force liner into radius or clean-out plate prior to welding or bolting cover strips.
- Allow enough space between tailgate and end of liner, and under cover strips for maximum expansion of liner.