



CHEMICAL & RESIN FULL PE LINERS

PRIOR TO INSTALLING LINER:

1. Read instructions thoroughly.
2. Inspect the container and remove any debris or sharp objects that could puncture the liner.
3. Five bracing bars are required, 94.5" (240 cm) long with a minimum 1.66 (4.20 cm) OD x 0.125" (3.18 mm) wall or equivalent shaped steel tube.

4. Container Requirements:

Door-end

A finger bar across the vertical channel found just inside the container doors at 82" – 87" (208 cm – 220 cm) and 1" – 5" (2.5 cm – 12.5 cm) above the container floor.

Non-Door End

A Finger bar in each corner at or near the same height as found in the door end. A box shape in the floor corners that will allow the installation of, and hold the ends of a bracing bar when the container is being off loaded.

Unless specially equipped, the standard Norseman liner is NOT to be installed in "high cube" containers. Contact Norseman for more information.

Step 1

Place the liner in the doorway of the container. Locate indicator sticker to reference the door end of the liner. Unfold toward the non-door end of the container. (See fig. 1)



Figure 1

Step 2

At the non-door end of the container, insert a bracing bar in the fabric sleeve found on the bottom edge of the liner. Place the bracing bar on the floor with the ends in the boxed corners of the container. (See fig. 2A)

Tie the straps on the bottom corners of the liner to the bottom finger bars as close to the finger bars as possible without lifting the liner or the bracing bar off the floor. (See fig. 2B)

Figure 2B



Figure 2A

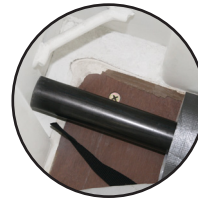
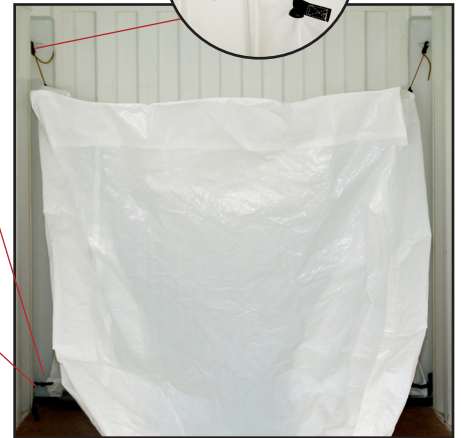


Figure 2C



Attach the spring link (or plastic hook) on the top corners of the liner to the top finger bars (if adjustable – shorten or lengthen the strap so the liner is upright and square with the corner).

DO NOT PULL THE BRACING BAR OFF THE FLOOR. (See fig. 2C)

Step 3

At the door-end of the container, connect the spring link on the top left side of the liner to the top finger bar in the vertical channel just inside the doors. If necessary lengthen the adjustable strap to assist connecting the spring link. Pull the strap as tight as possible so the liner is upright and the liner bottom corner is touching the container floor. (See fig. 3)

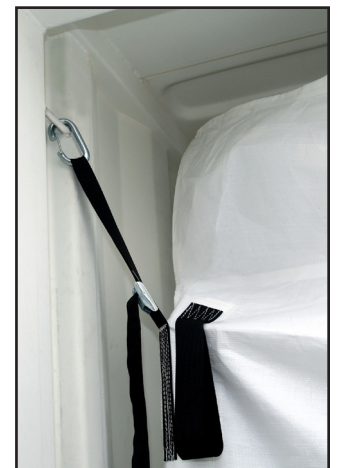


Figure 3



CHEMICAL & RESIN FULL PE LINERS

Step 4

1. Connect the spring link on the right side.
2. Place the left end of the bracing bar through the loop made by the strap and then into the vertical slot. Install one end of the bracing bar in the slot and raise the other end enough to slip it in the slot of the other side. Fasten the web strap with buckle located on the right and the center of the bar. (See fig. 4A)



Figure 4A

3. Install three bracing bars in the vertical slots below the one just installed. Insert one end through the loop sewn on the bulkhead and secure the other end with the Velcro wrap. Fasten the bottom bar with the web strap and buckle located in the center of the bar. The three lower bars must hang freely in the slots and not rest on any finger bars (see fig. 4B). If finger bars come in contact use optional bar support straps supplied by Norseman.
4. Place each end of the bracing bar through the loop made by the strap and then into the vertical slot. Install one end in the slot and raise the other end enough to slip it in the slot of the other side. Fasten the web strap with buckle located in the center of the bar. (See fig. 4B)



Figure 4B



Figure 5



Step 5

IMPORTANT:

Adjust the bar straps up or down positioning the liner. The bracing bars must be parallel with the floor and the bottom edge of the liner should just touch the container floor or be a maximum of 1" (2.5 cm) above. (See fig. 5)

Step 6

Secure both bottom corners of the liner by tying the strap to the bottom finger bar. Tie so the liner is as close to the finger bar as possible without lifting the liner off the floor. (See fig. 6)

IMPORTANT: CLOSE AND LOCK LEFT HAND DOOR PRIOR TO LOADING.



Figure 6

Step 7

Place the stretch loop above the loading spout over the nearest door locking hook on the top of the container doorway. (See fig. 7)

Insert the loading nozzle into the liner through the loading spout and begin the airflow to inflate the liner.

As a final check before loading – ensure all surfaces are flat, ties and spring links are secure and bracing bars are in proper position. Open screen vent.

Load container. After loading, tie the loading spout closed, remove the stretch loop from door-locking hook and close vent. (See fig. 7A)

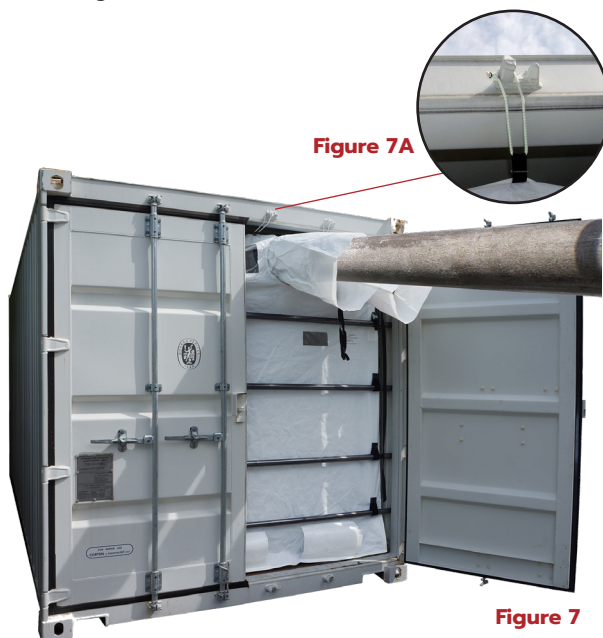


Figure 7A

Figure 7

To learn more about Norseman and our gear, contact one of your local Norseman Sales Representatives or visit our website.

1.800.268.1918

NORSEMANSOLUTIONS.COM