



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

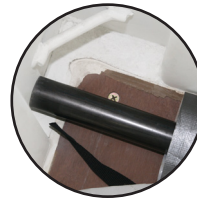


Figure 2A



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 attach the top metal and plastic hooks on the left side only. Attach the metal hook first and adjust straps as needed. (See fig. 3)



Figure 3



CHEMICAL & RESIN FULL PE LINERS

Step 4

1. Each liner is supplied with two adjustable bar straps. Using the spring link, attach the straps to the top finger bar in the vertical slots, one on each side. (See fig. 4A)
2. Insert a bracing bar in the fabric sleeve found below the zippered flap. Place one end of the bar through the loop made by the adjustable strap and then into the vertical slot. Raise the other end of the bar and place it in the vertical slot in the same manner. (See fig. 4B)
3. Attach the top metal and plastic hooks to the top of the finger bar on the right side. Attach the metal hook first. (See fig. 4C)
4. 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. The three lower bars must hang freely in the slots and not rest on any finger bars. If bracing bars come in contact with finger bars use optional bar support straps supplied by Norseman. (See fig. 4D)



Figure 4A



Figure 4B



Figure 4C



Figure 4D

Step 5

IMPORTANT:

Adjust the straps moving the bars 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 3/4" (20 mm) above.

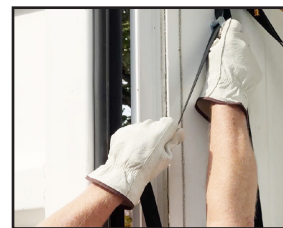


Figure 5

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)



Figure 6

Ensure the flap found on the underside of the bulkhead is flat and under the liner. Adjust the floor of the liner to remove wrinkles, making it as flat as possible. (Creases or a loose fitting floor make the last of the off loading difficult.)

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

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. 7a)

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.



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