



Technical and Regulatory Closing Instructions for Barrier Plastic UN 3H1 Baritainers®:

The United States Department of Transportation (DOT) regulations require that packaging manufacturers notify each person to whom the packaging is transferred of all requirements not met at the time of transfer. The requirement is given in 49CFR Part 178 Specifications for Packaging. In addition, the closing information must be provided to any person who may need to reclose the package prior to reshipment. It is the shipper's responsibility to ensure that these closing instructions are implemented. The person closing the package must be trained in the correct way to close the package for shipment. These instructions apply to all Barrier Plastics' **BARITAINER®** 4L, 5L, 10L, 13L, 18L (5G) and 20 Liter rectangular tightheads with an integrated handle and either a DIN50 or a 70mm ratchet 6TPI neck. All Barrier Plastics' non-removable head UN3H1 containers per 49 CFR 178.509 (a)(3) (4L, 5L, 10L, 13L, 18L, 20L nominal capacity) are supplied with closures and gaskets and must be closed for shipment utilizing the caps and gaskets provided or approved by Barrier Plastics. Alternative methods used for final assembly and closure may not effectively provide a certified UN standard packaging.

1. BEFORE CLOSING –

Examine each closure ensuring it has the proper Alveolit™ or EPDM gasket and that both parts, gasket and closure, are in perfect condition. Inspect the sealing surface to make sure that it is not damaged and IS dry.

Remove enclosed dust cap and discard.

2. CLOSING –

Manually screw on the appropriate closure for the respective Baritainer®.

Place the appropriate custom torque wrench socket for the respective closure.

Tighten the socket via a torque wrench to the appropriate ft/lb setting for the respective closure as defined below:

4L, 5L AND 10L BARITAINERS®

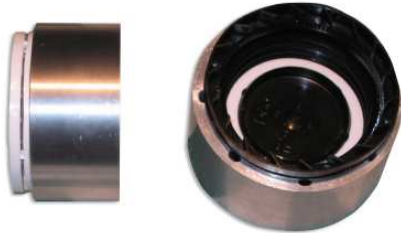
Closure Type: Screw Cap HDPE Bormed™ HE7541-PH.

Closure Size: DIN50.

In-liner (Gasket): 1.6" DIN 50 or 1.9" DIN 60 Cross-linked Polyethylene Alveolit™ TA SF 0500.

To apply proper torque use the Barrier Plastics' custom torque wrench socket (cf. below) which fits a 3/8" torque socket drive wrench –

Torque Setting : 107 in/lbs or 8.9 ft/lbs



13L, 18L and 20L BARITAINERS®

Closure Type: 70MM, SC76RTE with 3/4"NPT

Closure Size: 6tpi

In-Liner (Gasket): EPDM



To apply proper torque use the Barrier Plastics' custom torque wrench socket (cf. below) which fits a 1/2" torque socket drive wrench –

Torque Setting : 175 in/lbs or 14.6 ft/lbs

NOTE: Barrier Plastics, Inc. certifies that these containers have been manufactured and certified in accordance with Performance Requirements of Part 178 Subpart M of title 49CFR. The chemical filler and the shipper may rely upon the marking as certification that the package meets the applicable UN performance standards. The shipper is responsible for ensuring the product is authorized in the package and must consult General Shipper Requirements, including modal requirements. To meet UN standards, the package must be properly closed for shipment. Failure to follow the closure instructions, or substitution of packaging components other than those identified in the closure instructions will render the UN certification invalid. Barrier Plastics, Inc. shall not be held liable for any special, consequential or incidental damages for breach of warranty or any other breach of proper use of Baritainers®. In no event shall Barrier Plastics, Inc. be held liable for the cost of procurement of substitute goods.