

## Containerbuyers.com

### DOT/UN REQUIRED CLOSURE NOTIFICATION STATEMENT

Pursuant to the requirements of the Department of Transportation on CFR 49 Part 178.2 (1), this is your notification of the closing instructions used for the containers sold to you on the attached delivery ticket or bill of lading. This method of closure should be used to ensure that your containers have been closed in the same manner as when they were initially tested. Your product may adversely affect container materials, bung threads, or closing devices. Product compatibility with the container is the shipper's responsibility. These instructions for closure are based upon the closure methods used to enable these containers to pass the United Nations test requirements as outlined by the UN marking on the package. Any container used for packaging hazardous materials should be inspected before filling and shipment. Containers with obvious damage or deterioration should not be filled or shipped.

If there is any question regarding proper closing methods, contact your Natural Bridge Station, Inc., containerbuyers.com salesperson.

#### OPEN HEAD PLASTIC DRUMS

- (1) COVERS supplied with the drums **MUST BE ATTACHED TO THE DRUMS WITH LEVER-ACTION OR BOLT RING LOCKING BANDS**, as supplied with the drum.
- (2) Snap the closing ring over the top lip of the drum. Make sure the bottom edge of the closing ring engages under t
- (3) The lip of the drum. If a lever-action closure, make sure the "hook" points down. If a bolt ring closure, make sure the ring's lugs point down below the ring and insert the bolt through the lug with no threads. Next, screw the locking nut. Finally screw the bolt into the threaded lug. Tighten the bolt until snug. The cover should not spin, but free ends of the ring should not touch. Tighten the locking nut to the lug with no threads.
- (4) OPENINGS in all open head plastic drum covers, **MUST BE FITTED WITH BUNGS** bearing NPT threads Rieke (2"NPT) or equivalent, **WHICH MUST BE TIGHTENED** to a torque level of 15 ft.-lb.
- (5) Gaskets are not required on closures intended for use on drums for the packaging of dry products.

#### TIGHT HEAD PLASTIC DRUMS

- (1) Openings in tight head plastic drums **MUST BE FITTED WITH BUNGS** bearing National Pipe Threading (NPT) and/or American Buttress (BTR) threads Rieke #PPA55-2(2"NPT). PPS53-B-5 (2"BTR) or G91(3/4"NPT)
- (2) BUNGS **MUST BE FITTED WITH GASKETS** appropriate to the bung design Rieke #G93 (2"EPT) and G91 (3/4"EPT ) or equivalent
- (3) BUNGS **MUST BE PLACED INTO THE APPROPRIATE OPENINGS AND TIGHTENED** to a torque level of 25 ft.-lb for 2" tamperproof bungs, 20 ft.-lb for other 2" bungs and 9 ft.-lb for all 3/4" bungs.
- (4)

#### IBC TOTES

- (1) **TOP OPENINGS** in UN IBC's **MUST BE FITTED WITH 6" COVERS** and gaskets. **MUST BE TIGHTENED** to a torque level of 45 ft.-lb. **BUNGS IN THE COVER MUST BE TIGHTENED** to a torque level of 30 ft.-lb. For 2" NPT bungs (NACC 02NP00P1N2, 02NCRE3N2 or equivalent) and 9 ft.-lb. for 3/4" bungs (NACC 03NP001N3 or equivalent) if Installed.
- (2)

#### FULL OPEN TOP STEEL DRUMS WITH BOLT RING CLOSURE

- (1) Place cover on drum
- (2) Snap the closing ring over the cover and top lip of the drum. Make sure the ring's lugs point down below the ring. Also, make sure that the bottom edge of the closing ring engages under the lip of the drum.
- (3) Insert the bolt through the lug without threads. Next, screw on the locking nut. Finally, screw the bolt through the threaded lug
- (4) While tightening the bolt, tap the entire perimeter of the ring with a mallet, starting directly across from the bolt.
- (5) Tighten the bolt until it is snug. The cover and ring should not spin, but the free ends of the rim should not touch.
- (6) Tighten the locking nut against the lug without the threads. This prevents the bolt from backing out of the closing ring.

#### TIGHT HEAD STEEL DRUMS OR FULL TOP STEEL DRUMS WITH FITTINGS

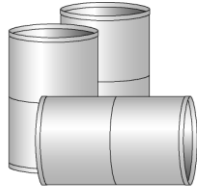
- (1) Insert and tighten all fittings into their appropriate threaded flanged until snug.
- (2) Using a torque wrench tighten to the correct torque. 2" to 30 ft.-lb. 3/4" to 15 ft.-lb.
- (3) If this is an open head drum, follow the additional closing instructions for the full open top drum.

#### ALL-FI, ALL-FI TRANSPORT, ROCON, AND ROCON TRANSPORT FIBRE DRUMS

- (1) Telescoping covers must fit securely on drum. Cover must be pushed onto drum until the top edge of the drum body touches the inside of the cover.

**Natural Bridge Station, Inc.** TOLL FREE 1-877-959-6800 PHONE 303-554-6800 FAX 303-433-6255

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(2) The cover must be secured to the drum body using adhesive backed tape, American Tape Co. RG3, 3-inch wide fiber-glass reinforced tape or equivalent. The tape must wrap around the drum body two times. There should be approximately 1 – 1½" of tape on the cover, and 1 – 1 1/2 "of tape on the body of the drum. Press and rub the tape firmly into place around the entire drum.

**FIBRE DRUMS WITH GREIF GRIP CLOSURES**

- (1) Place cover over drum.
- (2) Snap the closing ring over the cover and top lip of the drum. Make sure that the writing on the closing lever is right side up. Also make sure that the bottom edge of the closing ring engages under the top lip of the drum.
- (3) Pull the locking lever closed. At the same time, tap the outside edge of the closing ring with a mallet until the lever is fully closed against the edge of the ring.
- (4) Push the latch downward into the slotted opening in the lever as far as it will go. The hole in the latch should be visible below the lever. Apply a sealing wire or other sealing device through the hole in the latch.

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