

(Revision – March 2020)

Dear Valued Customer,

Consolidated Container Company LLC is providing you with **New** and **Reconditioned/remanufactured** UN rated containers marked in accordance with the U.S. Department of Transportation's regulations on the transportation of hazardous materials, 49 CFR Part 178. Under 49 CFR 178.2 –c- we are required to notify you as a purchaser of these containers "of all requirements not met at the time of transfer and of the type and dimensions of any closures, including gaskets needed to satisfy performance test requirements".

Please note that as delivered the container closures are not tightened for shipment unless pre-arranged and still should be checked after filling.

Plug Type	Plug Gaskets	Correct Torque	
		³ / ₄ " plugs 2'	″ plugs
Tri-Sure Steel	Rubber	8-15 Ft. lbs	15-22 FT. lbs
	Plastic	11-18 Ft. lbs	15-22 Ft. lbs
Tri-Sure Plastic	Rubber	8-11 Ft. lbs	15-22 FT. lbs
	Plastic	8 -11 FT. lbs	15-22 Ft. lbs
Rieke Steel	Rubber-Black Buna, White Buna, EPDM, Butyl, Black Viscar, White Viscar, White Dapan, White EPT, Black EPT	15 Ft. lbs	30 Ft. lbs
	Poly Seal (Plastic) Irradiated and Non Irradiated	20 Ft. lbs	40 Ft. lbs
Rieke Polyethylene, Polypropylene, Nylon	Rubber, White Buna, Black EPDM, White EPDM, Dapon Irradiated and Non-Irradiated	9 Ft. Ibs	20 Ft. lbs
Leak Lock Plug (Tri-Sure Style)	Buna	15 – 25 lbs.	15- 30 lbs.
Rings-55 and 30 Gallon Bolt ring and Lever locking Ring closure			
To properly close a UN1A2 (Open Head) container: 1. Inspect the cover gasket, which should be seated properly in the lip of the cover. See Photo #1 below.			

2. Place the cover on the top of the drum carefully. See Photo #2 below.

- 3. Install the ring with bolt lugs down so that the ring fully engages the drum bead and cover. See Photo #3 below.
- 4. Install the bolt and nut into the ring lugs. Thread the bolt into the lugs with the lock nut between them. See Photo #4.
- 5. With a ratchet torque wrench or similar tool, tighten the bolt to a minimum 60 ft-lbs. Torque while tapping the circumference of the ring with a mallet. This may require several attempts. See Photo #5 below.
- 6. Ring ends should NOT touch after closure; there should be a nominal gap of 1/8" to 1/4" for New drums and ¼" to 5/8" for reconditioned drums. See Photo #6 below.
- 7. Once the recommended torque is achieved, tighten the lock nut against the unthreaded lug. See Photo #6. Note: Tighten bolt while tapping the ring as necessary until a minimum torque and maximum gap is achieved.



Under DOT Regulations, any changes made to the type and dimensions of closures or the method of closure may constitute a change in design type of this packaging, voiding the certification we have marked on it and requiring retesting and recertification.

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