



Drum Service of Richmond, Inc.

Responsible Container Management

CLOSING INSTRUCTIONS RECONDITIONED POLY DRUM



(UN 1H1/Y)

The United States Department of Transportation regulations state that packaging ARE REQUIRED TO NOTIFY EACH PERSON TO WHO THE PACAGING IS TRANSFERRED OF ALL REQUIREMENTS NOT MET AT THE TIME OF TRANSFER. THIS NOTIFICATION IS GIVEN IN TITLE 49, CODE OF FEDERAL REGULATIONS, (CFR) part 178 specifications for packaging ss. 178.2 (c).

The following instructions and guidelines outline all necessary materials and procedures to prepare the drum so that when closed for shipment it is capable of meeting the performance standards indicated by the UN marking on the side of the drum.

PLASTIC DRUMS: All non-removable head, 1H1 plastic drums, 49 CFR ss178.509(a)(1) supplies with closures such as plugs and gaskets must be closed for shipment using only the closures and gaskets supplied and specified in the design qualification test for the drum, as indicated below:

2" INCH BUTTRESS	20 ft. - lbs.
2" INCH NPT	20 ft. - lbs.

Closures must be tightened to recommended torque using pre-set or variable range machinist torque wrenches calibrated to indicate value.

The following method should be used to ensure that the packagings have been closed in the same manner which they were initially tested.

1. Both fittings must be tightened after filling.
2. Do not cross thread fittings. Use proper thread type (NPT or Buttress) in matching bung holes.
3. Using a torque wrench of known calibration accuracy, slowly apply the recommended torque to each fitting.
4. Drums closed in this manner have met UN performance test requirements as specified on the container markings.

Note: All recommended plastic tight head (UN 1H1/Y) drums for UN regulated use are tested for packaging group Y or # 2 @ 20 kpa, or 3 psi for leakproofness.

There are no design type changes to the drum from the original manufacturer in the reconditioning process.



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