



Document ID: UN3A1-Y1.2-100, Gallon F, 1-24-08 Certification.doc

**Approved Certification**

January 24, 2008

Bway Corporation certifies that UN Performance Oriented Packaging periodic testing for the following UN rated "F" style (oblong) as required by 49 CFR , section 178.601, has been conducted.

Package Marking: 

u
n

 3A1/Y1.2/100/08  
USA/M4953(Memphis),M5370(Garland)

**Packaging Description**

1.0 gallon, electrolytic tinfoil, 3-piece, welded body, double seamed ends, solder handle and closure.

- Closures 1-1/8" screw nozzle (Beta) & cap with Solvseal liner, 35 in.-lbs. torque min.
- 1-1/4" screw nozzle (Alpha)& cap with Trifoil WP-SOR 171 or MF 504 Tin Foil liner, 35 in.-lbs. torque min.
- 1-3/4" screw nozzle (Alpha, Delta) & cap with Trifoil WP-SOR 171 or MF 504 Tin Foil liner, 35 in.-lbs. torque min.
- 32 mm REL low density polyethylene Rieke plastic closure (part HZ32CRREL)

Closing Instructions for "F" Style Cans attached.

**Packaging Performance Tests**

All tests were done in accordance with 49 CFR , Subpart M – Testing of Non-bulk Packagings and Packages.

<u>Test</u>	<u>Spec</u>	<u>Test Level</u>	<u>Result</u>
Drop Test	paragraph 178.603	1.2 meters	pass
Leakproofness Test	paragraph 178.604	20 kPa	pass
Hydrostatic Pressure Test	paragraph 178.605	100 kPa	pass
Stack Test	paragraph 178.606	3 meters	pass
Vibratory Standard	paragraph 178.608	1 hour	pass

All tests were performed at the Garland manufacturing facility. A copy of this test report can be provided upon request.

Harold DePriest  
Technical Service Engineer

## **Closing Instructions for "F" Style Cans**

### **Screw Caps-**

Closing instructions apply to a container with the use of a tamper evident seal. See page 1 for tested cap torque values.

Nozzle sizes- 1 inch, 1-1/8 inch, 1-1/4 inch and 1-3/4 inch.

After cans are filled, place tamper evident seal on top of nozzle. Apply pressure using a seal insertion tool sized for the seal size.

This will seat the seal below the nozzle surface. Apply screw cap and torque to the minimum tested as shown on page 1.

Caps available from:

Van Blarcum Closures  
156 Sanford Street  
Brooklyn, New York 11205  
Telephone- 718-855-3810

### **Plastic Closures-**

Closing instructions do not include a tamper evident seal.

Closure sizes: .954 Magenta and 32 mm REL.

After cans are filled, select the proper closure for the opening in the top of the can.

Place the closure in the opening and center it as closely as possible.

Apply downward force until the closure is fully seated. The closure will normally snap in with a distinct sound. Do not continue to apply force after the insertion is complete because this could result in damage to the opening.