Myers Container Corporation
UN Testing Laboratory
21508 #B Ferrero Parkway
City of Industry, California 91789

UN Test Summary

As required by 49 CFR 178

Test Date **4/3/08**

Non-Bulk Steel Packagings

Design Qualification

UNUM# **1246**

Design Number

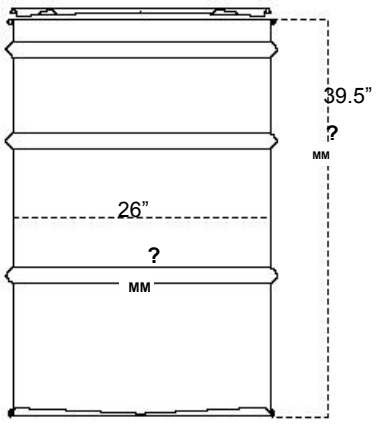
8501

Style	**1A2**			
Condition	**NEW**			
Capacity	**321.7**	liters	**85.0**	gal
Overflow	**333.1**	liters	**88**	gal
Tare	**35.4**	kg	**78**	lbs
Height	**1003.3**	mm	**39.5”**	in
Diameter	**660.4**	mm	**26”**	in
Steel-Head	**1.4**	mm		
Steel-Body	**1.4**	mm		
Steel-Bottom	**1.4**	mm		

Special Construction: **DOT 7-A compliant with 4 mil bag, Salvage Drum for UN Lab testing requires a 3/4” Rieke & Leakproofness @ 20 kPA.**

End Seam	DOUBLE
Side Seam	WELDED
Swedges	3
Head Fittings	3/4"
Body Fittings	
Fitting Gasket	Poly
Covers	2 Re-enforce Ring
Gasket	EPDM
Gasket Diameter	7/16”
Ring Gage	12
Closure Ring	**SQ BK BOLT RING**
Bolt Size & Torque	5/8" @ 60 FT-LBS

OH-H



*Dimension tolerance **NOMINAL**

Drop Test - Liquid §178.603)

Six samples are filled to >= 98% capacity with water. Each sample is dropped from the indicated height onto a solid surface using various attitudes. Drums are vented after each drop. Weakest Part: Tight-heads, second drop is flat on side seam. Open-heads second drop diagonal on head.

Meters

Sample	Attitude	Result
1	Chime Diagonal	No Leak
2	Chime Diagonal	No Leak
3	Chime Diagonal	No Leak
4	Weakest Part *	No Leak
5	Weakest Part *	No Leak
6	Weakest Part *	No Leak

Leakproofness Test-Liquid(§178.604)

Three samples, with all closures in place, are subjected to the following internal pressure and restrained under water for a minimum of five minutes.

20 **kPa**

Sample	Result
1	No Leak
2	No Leak
3	No Leak

Hydrostatic Pressure Test - Liquid (§178.605)

Three samples are filled to >= 98% capacity with water and subjected to the following internal hydraulic pressure for five minutes.

100 **kPa**

Sample	Result
1	No Leak
2	No Leak
3	No Leak

Stacking Test - Liquid (§178.606)

Three samples are filled to >= 98% capacity with water and subjected to a force applied to the top surface of the drum for 24 hours equal to the total weight of identical packages which might be stacked on it during transport. Minimum stack height is 3 m.

Kilograms

Sample	Result
1	No Deformation
2	No Deformation
3	No Deformation

Drop Test - Solid (§178.603)

Six samples are filled to 95% capacity with a small grain lading. Each sample is dropped from the indicated height onto a solid surface using various attitudes.

Packing Group I	Packing Group II	Packing Group III
1.8 Meters	1.2 Meters	.8 Meters
435		
Gross Mass - Kilograms Indicated Above		Net Mass - Kilograms = Gross Mass less Tare Weight

Sample	Attitude	Result	Sample	Attitude	Result	Sample	Attitude	Result
1	Chime Diagonal	No Leak	1	Chime Diagonal	No Leak	1	Chime Diagonal	No Leak
2	Chime Diagonal	No Leak	2	Chime Diagonal	No Leak	2	Chime Diagonal	No Leak
3	Chime Diagonal	No Leak	3	Chime Diagonal	No Leak	3	Chime Diagonal	No Leak
4	Closure Diagonal	No Leak	4	Closure Diagonal	No Leak	4	Closure Diagonal	No Leak
5	Closure Diagonal	No Leak	5	Closure Diagonal	No Leak	5	Closure Diagonal	No Leak
6	Closure Diagonal	No Leak	6	Closure Diagonal	No Leak	6	Closure Diagonal	No Leak

Stacking Test - Solid (§178.606)

Three samples are filled to 95% capacity with a small grain lading and subjected to a force applied to the top surface of the drum for 24 hours equal to the total weight of identical packages which might be stacked on it during transport. Minimum stack height is 3 m.

1297.3 **Kilograms**

Sample	Result
1	No Deformation
2	No Deformation
3	No Deformation

Liquid Rating

Solid Rating

UN 1A2/X435/S

Vibration Standard - (§178.608)

This packaging is capable of withstanding, without rupture or leakage, the vibration test outlined in this section.

General Requirements - (§173.24, §173.24a, §178,601)

This packaging complies with the general requirements for packagings and packages.

Package Assembly Instructions -

For correct package assembly see assembly instructions provided with your order, or visit our website at “www.myerscontainer.com” and click on UN Assembly Instructions. *All drums were assembled for testing as specified in the current version of the Drum Assembly Instructions*

Manufacturing Location: **Myers Container Corporation - 8435 NE Killingsworth Street, Portland, OR 97220**
(R)econditioning Location:

Memo: Hydrostatic Test - 173.27 (c) (3) (ii) Air Eligibility Test passed 100 kPa on 10/1/2007. Hydrostatic testing expires 10/1/2008 and will be retested if needed.

Date: **4/3/08**

UN Testing Lab Coordinator - Sam Sanchez