

**UN-DESIGN CERTIFICATION/RECERTIFICATION**

File Number # **06-18**

Original File # **31-96**

This is to certify that the packaging: **030C-00UL1**

TYPE: **30 Gallon L-1**

PACKING GROUP **II**

Product Description								
Product Description		Height	Diameter	Product Weight (kg)				
30 Gallon L-1		min.(± 6mm)	max.(± 6mm)					
<b>Wall Thickness (±0.7mm)</b>		<b>730</b>	<b>489</b>	Total Product Weight		<b>5.88</b>		
average	min.			max.	Body	<b>5.81</b>	Lid	<b>N/A</b>
<b>3.3</b>	<b>2.2</b>			<b>6.0</b>	Plugs	<b>0.07</b>	Ring	<b>N/A</b>
<b>Closure Part #</b>		<b>Gasket Part #</b>	<b>Gasket Composition</b>		<b>Torque (ft.lbs.)</b>	<b>Closure Description</b>		
Plug 1	L16-WL(81630002)	81400014	EPDM		20-25	2" NPS HDPE PLUG		
Plug 2	L10-WL(81630001)	81400008	EPDM		20-25	2" American Buttress Plug		
Proces - Blow Molding								
Resin Specifications								
<b>Resin</b>		<b>Supplier</b>		<b>Part #</b>	<b>HLMI</b>		<b>Density</b>	
L99(80100001)		Nova Chemicals		HB-W555-A	Value	Range	Value	
<b>Color #</b>	L-84	<b>Color wt%</b>	1.0%		N/A	4.0 - 6.0	N/A	
							0.953 - 0.956	

UN CODE: **1H1**

UN MARKING:



**1H1/Y1.8/150/YR/USA/MXXXX**

Manufacturer MAUSER USA,LLC:

M4232 Addison      M4235 Woodlands      M4602 Rancho Cucamonga

M4895-M5445 East Brunswick      M5123 Charlotte

Tested to the following: **49 CFR § 178.601(c)(2)**

**DROP TEST: (§178.603)** From a height of **1.8 m (5.9 ft)** with six 6\* samples at -18°C.

Test Liquid: 50% aqueous Propylene Glycol s.g. 1.05 ±0.02. Test Solid: sodium bicarbonate <0.05 mm+ HDPE < 3mm

\*3 samples dropped on weakest diagonal orientation and 3 samples flat dropped along the parting seam

RESULTS: **PASS**

**LEAK TEST: (178.604)(d)** Packaging **group II** test pressure **21 kPa** for 5 min on 3 samples

RESULTS: **PASS**

**HYDROSTATIC TEST: (178.605)** Using a pressure of > **150 kPa (21.76 psi)** for 30 minutes on 3 samples

RESULTS: **PASS**

**STACK TEST: (178.606)(c)(2)(ii)** Applied a preload of 50lbs. Compression speed of 0.5 ±0.25 inch per minute.

RESULTS: **PASS** DOT min. **1036 Kg** Force Applied

Sample #	Compression lbs.	Deflection in.
10	1630 Kg	1.0000
11	1569 Kg	1.0000
12	1627 Kg	1.0000

**VIBRATION TEST: (178.608)** Simulated transport vibration for 1 hour on 3 samples **N/A** Hz

RESULTS: **N/A**

**CAPACITY:** 120.42 Liters

**OVERFLOW:** 123.05 Liters

**TIP OVER TEST (OH):** N/A

Signature	Date	Signature	Date
<i>Darwin Wickes</i>	1/13/2018	<i>Darwin Wickes</i>	1/13/2018
<b>Title</b>	Manager-Technical Services	<b>Title</b>	Director Technology & Regulatory Affairs

**EXPIRATION DATE:** 1/13/2019

