

**UN-DESIGN CERTIFICATION/RECERTIFICATION**

File Number # 4-21  
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)					
Wall Thickness (±0.7mm)			737	485	Total Product Weight		5.57	
average	min.	max.			Body	5.50	Lid	N/A
3.1	2.2	6.0			Plugs	0.07	Ring	N/A
Closure Part #		Gasket Part #	Gasket Composition	Torque (ft.lbs.)	Closure Description			
Plug 1	L16-WL(81630002)	81400014	EPDM	20	2" NPS HDPE PLUG			
Plug 2	L10-WL(81630001)	81400008	EPDM	20	2" American Buttress Plug			
Proces - Blow Molding								
Resin Specifications								
Resin	Supplier	Part #	HLMI		Density			
High Density Polyethylene(HDPE)		80100001	Value	Range	Value	Range		
			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 Packaging Solution

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 50 lbs. Compression speed of 0.5 ±0.25 inch per minute.

RESULTS: **PASS** DOT min. **1034 Kg** Force Applied

Sample #	Compression Kg	Deflection in.
10	1043	0.5000
11	1043	0.5000
12	1043	0.5000

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

RESULTS: **N/A**

**CAPACITY:** 122.04 Liters

**OVERFLOW:** 124.69 Liters

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



Signature	Date	Signature	Date
<i>[Signature]</i>	1/5/2021	<i>[Signature]</i>	1/5/2021
<b>Title</b>	Manager-Technical Services	<b>Title</b>	Manager-Regulatory & Testing

EXPIRATION DATE: **1/5/2022**