

UN-DESIGN CERTIFICATION/ PERIODIC RETEST

File Number # **32-26**
Original File# **58-09**

This is to certify that the packaging: **055C-00UL1-150**

TYPE: **55 Gallon L-1 TH**

PACKING GROUP II

Product Description								
Product Description			Height	Diameter	Product Weight (kg)			
55 Gallon L-1 TH			<i>min.(± 6mm)</i>	<i>max.(± 6mm)</i>				
Wall Thickness (±0.7mm)			889	591	Total Product Weight		9.52	
<i>average</i>	<i>min.</i>	<i>max.</i>			Body	9.48	Lid	N/A
4.0	2.2	6.4			Plugs	0.04	Ring	N/A
Closure Part #			Gasket Part #	Gasket Composition	Torque (ft.lbs.)			
<i>Plug 1</i>	L10-WL(81630001)		81400008	EPDM	25	2" American Buttress HDPE Plug		
<i>Plug 2</i>	L16-WL(81630002)		81400014	EPDM	25	2" NPS HDPE Plug		
Process - Blow Molding								
Resin Specifications								
Resin			Part #	HLMI		Density		
High Density Polyethylene(HDPE)			80100001	<i>Value</i>	<i>Range</i>	<i>Value</i>	<i>Range</i>	
				N/A	4.5 - 6.5	N/A	0.952 - 0.956	

UN CODE: 1H1

UN MARKING: 

1H1/Y1.9/150/YR/USA/MXXXX

Manufacturer MAUSER Packaging Solutions:

M4232 Addison **M4235 Woodlands** M4602 Rancho Cucamonga

M4895 East Brunswick M5123 Charlotte

Product Image



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

DROP TEST: (§178.603) From a height of **1.9 m (6.2 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 **of 3 psi** 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 on 3 samples.

RESULTS: **PASS** DOT min. **1418 kg** Force Applied

Sample	Applied load (kg)	Deflection (in)
18A19	2327	0.787
18A21	2295	0.787
18A24	2318	0.826

VIBRATION TEST: (§178.608) Simulated transport vibration for 1 hour on 3 samples

RESULTS: **N/A** Capable of passing vibration test as outlined in §178.608 **NA** Hz

CAPACITY: 218 Liters

OVERFLOW: 219 Liters

TIP OVER TEST (OH): N/A

Signature	Date
<i>Tahira Smdeeva</i>	2/6/2026
Title	Director, Regulatory & Testing

EXPIRATION DATE: 2/6/2027