

UN-DESIGN CERTIFICATION/ PERIODIC RETEST

File Number # 14-25
Original File# 43-98

This is to certify that the packaging: **015C-00UC103V**

TYPE: **15 Gallon Commodity**

PACKING GROUP **II**

Product Description								
Product Description			Height	Diameter	Product Weight (kg)			
15 Gallon Commodity			min.(± 6mm)	max.(± 6mm)				
Wall Thickness (±0.7mm)			667	360	Total Product Weight			
average	min.	max.			Body	2.70	Lid	N/A
2.5	1.8	5.0			Plugs/Handle	0.07	Ring	N/A
Closure Part #			Gasket Part #	Gasket Composition	Torque (ft.lbs.)			
Plug 1			81630002	81400014	EPDM	20	2" NPS HDPE Plug	
Plug 2			C39-9AD(81620020)	N/A	EPDM	6	3/4" YELLOW VENT HDPE Plug	
Process - Blow Molding								
Resin Specifications								
Resin		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/Y1.4/100/YR/USA/MXXXX

Manufacturer MAUSER Packaging Solutions:

M4232 Addison M4235 Woodlands M4602 Rancho Cucamonga

M4895 East Brunswick M5123 Charlotte

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

DROP TEST: (§178.603) From a height of **1.4 m (4.6 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 > **100 kPa (14.50 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 inches per minute.

RESULTS: **PASS** DOT min. **455 kg** Force Applied

Sample #	Applied load (kg)	Deflection (kg)
10	499	0.500
11	499	0.500
12	499	0.500

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

RESULTS: **N/A**

CAPACITY: **61** Liters

OVERFLOW: **62** Liters

TIP OVER TEST (OH): N/A

Signature	Date
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Title	Director, Technology & Regulatory

EXPIRATION DATE: **12/5/2026**

