

UN-DESIGN CERTIFICATION/ PERIODIC RETEST

File Number # 33-24

Original File# 136-03

This is to certify that the packaging: **015-00UC15**

TYPE: **15 Gallon Commodity**

PACKING GROUP II

Product Description								
Product Description			Height	Diameter	Product Weight (kg)			
15 Gallon Commodity			<i>min.(± 6mm)</i>	<i>max.(± 6mm)</i>	Total Product Weight			
Wall Thickness (±0.7mm)			671	360	Body		2.77	
<i>average</i>	<i>min.</i>	<i>max.</i>			Plugs/Handle	0.07	Lid	N/A
2.5	1.8	4.0			Ring		N/A	
Closure Part #		Gasket Part #	Gasket Composition		Torque (ft.lbs.)			
<i>Plug 1</i>	81630001	81400008	EPDM		20	2" American Buttress HDPE Plug		
<i>Plug 2</i>	81630022	C31EP-AD	EPDM		6	3/4" NPS Plug		
Process - Blow Molding								
Resin Specifications								
Resin	Supplier	Part #	HLMI		Density			
High Density Polyethylene(HDPE)		80100001	<i>Value</i>	<i>Range</i>	<i>Value</i>	<i>Range</i>		
			N/A	4.0 - 6.0	N/A	0.953 - 0.956		

UN CODE: 1H1

UN MARKING: 

1H1/Y1.8/100/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 **1.8 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 > **100 kPa (14.50 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 inches per minute.

RESULTS: **PASS** DOT min. **575 kg** Force Applied

Sample #	Applied load (kg)	Deflection (in)
10	590	0.250
11	590	0.250
12	590	0.250

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

N/A Hz

RESULTS: **N/A**

CAPACITY: 60 Liters

OVERFLOW: 61 Liters

TIP OVER TEST (OH): N/A

Signature	Date
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Title	Director, Technology & Regulatory

EXPIRATION DATE: 1/8/2025