



**Rotosolution Test Report  
and  
Qualification Notice  
5/24/2024**

**Product:** 95 Gallon Overpack

**Manufacturer and Testing Facility** RotoSolutions, Inc., 1401 Jacobson Ave., Ashland, Ohio 44805

<b>Drum Unit Tested:</b>	Leak Proofness	Drum 1	O5192401	Drum 2	O5192402	Drum 3	O5252403
	Base Drop	Drum 1	O5192404	Drum 2	O5192405	Drum 3	O5192406
	Stack	Drum 1	O5192404	Drum 2	O5192405	Drum 3	O5192406
	Diag. Lid Drop	Drum 1	O5192404	Drum 2	O5192405	Drum 3	O5192406

**Objective:** To determine the compliance with the applicable regulations for UN 1H2 container for Packing Group1 solid material and 49 CFR 173.3 Salvage drum applications.

**Items Tested:** One Sample of lot of removable top, open head plastic container. Volumetric capacity of the container is 95 gallons. Material of construction is Linear Low Density Polyethylene (LLDPE) resin, rotationally molded.

TEST	REGUALTION	DESCRIPTION	PERFORMANCE
Drop	UN 6.1.5.3 49 CFR 178.603	1.8 meter, 345 KG -18 Celsius. Unit filled with a mixture of sand and vermiculite	Passed
Stacking	UN 6.1.5.6 49 CFR 178.606	3 meters, 1035 kg load 24 hours, with a mixture of sand and vermiculite	Passed
Leakproof	UN 6.1.5.4 49 CFR 173.3 (c)(1)	20 kPa 5 Minutes	Passed

**Conclusion:** Part design complies and passes all required testing as called out in the above mentioned regulations. This unit is therefore certified. Unit must be filed and used in accordance to all pertinent DOT and UN regulations. Failure to do so renders the qualification invalid and voids all warranties implied or stated.

Load measured with scale calibrated and maintained by Ashland Scale. Temperature recorded with Amprobe IR608A Infrared Thermomet

Levels Measured with a verified Johnson angle finder. Air pressure measured with a verified Noshok pressure gauge.

**Packaging Markings:**



1H2\X345\S\24\USA\M5904

**Approved By:**

*Ralph Kirkpatrick*

Ralph Kirkpatrick, V.P. of Sales, 05/24/2024