DOT/UNITED NATIONS Performance Oriented Packaging Certification



1H1 PERIODIC RETEST

7926 6 Gallon Round No Vent- Group II HDPE 8224-200-060

Test Report #: 2021-06



1H1/Y1.8/150/**
USA /M5105
**Insert year the packaging is manufactured

TESTING PERFORMED FOR:

PRIORITY PLASTICS, INC.

500 Industrial Park Rd. Portland, IN 47371

TESTING PERFORMED BY:

Priority Plastics, Inc. 500 Industrial Park Rd. Portland, IN 47371 Phone: (260) 726-7000

Fax: (260) 726-8111

Certification Date: 02/09/21 Re-Certification Date: 2/09/21



Design Qualification Test Report # 2018-87 done by Priority Plastics Inc. Test Report 2021-06 February 12, 2021 Page 2 of 15

TABLE OF CONTENTS

Section I: CERTIFICATION	3
Section II: PACKAGING DESCRIPTION / COMPONENT DRAWINGS	4
Section III: TEST PROCEDURES AND RESULTS	7
DROP TESTS	7
LEAKPROOFNESS TEST	8
HYDROSTATIC PRESSURE TEST	9
STACKING AND STACK STABILITY TEST	10
REPETITIVE SHOCK VIBRATON TESTS	11
REGULATORY AND INDUSTRY STANDARD REFERENCES	
Section IV: MATHEMATICAL CALCULATIONS	13



Design Qualification Test Report # 2018-87 done by Priority Plastics Inc. Test Report 2021-06 February 12, 2021 Page 3 of 15

SECTION I: Certification

Periodic Retest 6 Gallon Round HDPE Packaging (HDPE Resin)

Priority Plastics, Inc. certifies that the packaging referenced above has passed the standards of the DEPARTMENT OF TRANSPORTATION'S TITLE 49 CFR; Performance Oriented Packaging Standards, Section 178. It is the responsibility of the end user to determine authorization for use under these regulations. The use of other packaging methods or components other than those documented in this report may render this certification invalid.

SUMMARY OF PERFORMANCE TESTS							
UN/DOT	CFR	TEST	TEST	TEST	TEST		
TEST	REFERENCE	LEVEL	CONTENTS	COMPLETED	RESULTS		
Drop	178.603	1.8m	Windshield Washer/ Antifreeze Coolant 50/50 Diluted (WW/A)	January 29,2021	PASS		
Leakproofness	178.604	20 kPa –5 Min. 3 PSI	Empty	February 9, 2021	PASS		
Hydrostatic	178.605	150 kPa – 30 Min.	Water	February 9, 2021	PASS		
Stacking	178.606	589.8 lbs	Water	February 10, 2020	PASS		
Vibration	178.608	1.6mm – 1 Hr	Water	January 14, 2020	PASS		
TEST REPORT NUMBERS: 2020-08, 2021-06							
UN MARKING: (CFR 49 – 178.503)							
PACKAGING IDENTIFICATION CODE: 1H1 (178.509)							
PERFORMANCE STANDARD: Y (Packaging meets Packing Group II test)							
MAXIMUM PRODUCT SPECIFIC GRAVITY: 1.8							
INTERNAL TEST PRESSURE: 150 kPa							
YEAR OF MANUFACTURE: **Insert year the packaging is manufactured							
STATE AUTHORIZING THE MARK: USA							
PACKAGING CERTIFICATION AGENCY: M5105 Priority Plastics, Inc.							
PACKAGE IDENTIFICATION: M5105							
PERIODIC RETEST DATE: February 9, 2022							
Note: It is the responsibility of the packaging user to ensure that all items shipped within this package are allowed to be							

Note: It is the responsibility of the packaging user to ensure that all items shipped within this package are allowed to be shipped via this package in accordance with USDOT 49 CFR and/or modal regulations applicable to the intended mode of transportation. The use of packaging methods other than those provided by Priority Plastics or the use of components other than those documented in this report may render this certification invalid.

MANUFACTURER:

Priority Plastics, Inc. 500 Industrial Park Road Portland, IN 47371 Donna Noll Quality Manager Priority Plastics, Inc. 500 Industrial Park Rd Portland, IN 47371