



ENPAC, LLC TEST REPORT

April 26th, 2023

NOTICE NO: 3578-1220

PRODUCT: Poly-Overpack 20 Salvage Drum "X" Rating (ENPAC Part No. 1220-Standard colors)

MANUFACTURER AND TESTING FACILITY: ENPAC, LLC 34355 Melinz Parkway, Eastlake, Ohio 44095

REGULATION: United Nations General Recommendation on Packing for Transportation of Dangerous Goods, 49 CFR §173.3 and 49 CFR §178.601.

ITEMS TESTED: One (1) sample lot of removable, open head, plastic non-bulk packagings.

Packaging type:	1H2	Closure type:	Screw on lid
Manufacturing method	Injection molded	Manufacturing method	Injection molded
Material of Body:	High impact copolymer polypropylene	Material of closure:	High impact copolymer polypropylene
Rated capacity (l)/(gal):	75.7 l / 20.0 gal.	Closure diameter (cm)/(in):	57.63 cm / 22.69 in.
Overflow capacity (l)/(gal):	83.62 l / 22.09 gal.	Closure height (cm)/(in):	12.07 cm / 4.75 in.
Tare weight-body (kg)/(lb.):	2.80 kg / 6.10 lb.	Tare weight (closure assembly) (kg)/(lb.):	1.91 kg / 4.20 lb. (Lid & Gasket)
Overall diameter (cm)/(in):	56.36 cm / 22.19 in.	Gasket size (cm)/(in.):	0.63 cm x 163.20 cm / 0.25 in. x 64.25 in.
Overall height (cm)/(in):	43.82cm / 17.25 in.	Gasket material	Closed cell black neoprene sponge

TEST RESULTS:

TEST	REGULATION	DESCRIPTION	PERFORMANCE
Drop	49 CFR §178.603	1.8 meters, 75 kg, -18°C. Unit filled with a mixture of sand, vermiculite and/or plastic (approx. - .64cm / .25 in.).	Passed
Leakproofness	49 CFR §178.604	20 kPa for a minimum of 5 minutes, or alternate methods detailed in Appendix B	Passed
Stacking	49 CFR §178.606	3 meters, 417.0 kg load for 24 hours. Unit filled with a mixture of sand, vermiculite and/or plastic (approx. - .64cm / .25 in.).	Passed
Vibration	49 CFR §178.608	Test for a 60 minute duration @ 153 Cycles Per Minute frequency with a mechanical rotary motion with a 1 " peak to peak amplitude.	Passed during initial design testing

CONCLUSION: Part design complies and passes all required testing as specified in the regulations referenced above. This unit is ENPAC, LLC Certified. Unit must be filled 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.

PACKAGING MARKINGS:



1H2/X75/S/YY/USA/M6100

YY=Year of Manufacture

APPROVED BY:

(MANAGING MEMBER)

(QUALITY ASSURANCE MANAGER)