

How to Read UN Packaging Markings

Sample UN Marking: (XX)

UN1A1/Y1.5/100/05/USA/M5586

UN	THE UNITED NATIONS SYSTEM
1	TYPE OF PACKAGE 1. Drums/Pails 3. Jerricans 5. Bags 2. Barrels 4. Boxes (corrugated) 6. Composite Packagings
H	MATERIAL OF CONSTRUCTION A. Steel B. Aluminum C. Wood G. Fiber (corrugated) H. Plastic
1	CATEGORY WITHIN TYPE 1. Closedhead 2. Openhead
Y	PACKAGING GROUP FOR WHICH CONTAINER WAS TESTED X. for Packaging Group I, II, III • Packaging Group I: Great Danger (high hazard level) Y. for Packaging Group II and III • Packaging Group II: Medium Danger (medium hazard level) Z. for Packaging Group III • Packaging Group III: Minor Danger (low hazard level)
1.5	DENSITY OR SPECIFIC GRAVITY OF MATERIAL PACKED (single packagings for liquids) OR . . . For packaging intended for Solids or for combination packagings, this marking will indicate the maximum gross mass (weight) in kilograms (for pounds multiply times 2.2)
100	HYDRAULIC PRESSURE IN KILO-PASCAL (kPa) (applies to liquid) OR . . . For packaging intended for Solids or for combination packagings, an "S" in upper case will follow the gross mass. Example:UN4G/Y25/S/04/USA/M5586 (this is an example marking for a fiber board box rated for a gross mass of 25kg/55lb.)
XX	YEAR OF MANUFACTURE
USA	COUNTRY WHERE ITEM WAS MANUFACTURED
MXXX	CODE FOR UN CERTIFYING AGENCY OR MANUFACTURER