

NOWPak[®] Bottle System UN Rated Corrugated Box

UN rated box for safe transport of filled NOWPak liner-based bottle systems

UN rated boxes help protect filled NOWPak[®] liner-based bottle system bottles during shipment. UN rated boxes are a requirement when shipping hazardous chemicals in NOWPak bottles.

APPLICATIONS

- NOWPak systems are designed for applications that require containment and safe transport of liquids that have high-purity requirements and/or are sensitive to the environment.

FEATURES & BENEFITS

- Meets the standards of the U.S. Department of Transportation's Title 49 CFR, Performance Oriented Packaging Standards, Section 178.
- Certified under IMDG, ICAO/IATA Regulations and the UN recommendations on the transport of dangerous goods.



NA-11-04-4 UN rated box

SPECIFICATIONS

Part number	NA-11-XX-X (See ordering information on page 6 for part numbers.)	
Description	UN rated corrugated box	
Materials of construction	Box style	Regular slotted container (RSC)
	Basis weight	42-23-33-23-42
	Construction requirements	Per 49 CFR Hazardous Materials Regulation #178.516
	Fiberboard	#275 burst test, double wall, corrugated fiberboard used for boxes, dividers, and pads
	Box joint	Joint must be inside, lapped 1 $\frac{5}{8}$ " and glued with water resistant adhesive
Manufacturing standards	Fiberboard must be cut, creased without cutting through any thickness of fiberboard, and slotted so as to permit assembly without cracking, surface breaks, or undue bending.	
Test methods	UN test method	Per 49 CFR Hazardous Materials Regulation #178.516
	Water resistance	Cobb method per ISO Standard 535-1991
UN certification	PART NUMBER	UN CERTIFICATION*
	NA-11-05-2	4G/X42.8/S/XX USA/+AA0063
	NA-11-05-1	4G/X21.5/S/XX USA/+AA11183
	NA-11-04-1	4G/Y10.5/S/XX USA/+AA7547
	NA-11-04-4	4G/Y31.8/S/XX USA/+AA7450
	NA-11-02-1	4G/X6.0/S/XX USA/+AA5651
	NA-11-01-6	4G/X15.1/S/XX USA/+AA0508
	NA-11-01-1	4G/X2.7/S/XX USA/+AA7003

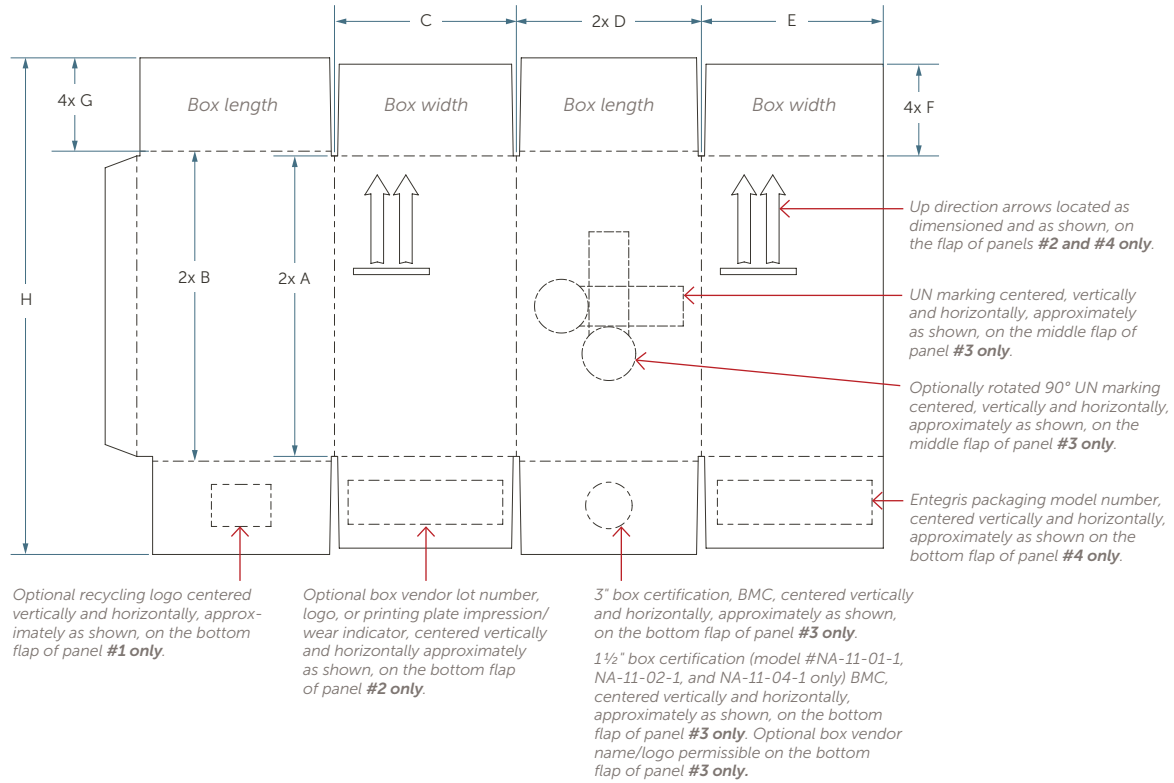
*XX = last two digits of the year of manufacture.

DIMENSIONS

Flat Pattern Layout

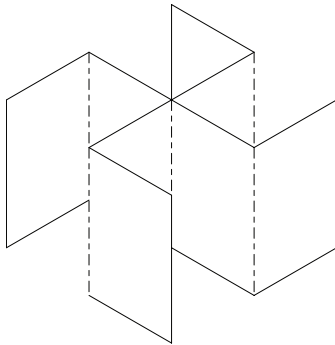
(See page 5 for dimensions)

Exterior of Box



X Divider

Applicable to NA-11-04-4 only

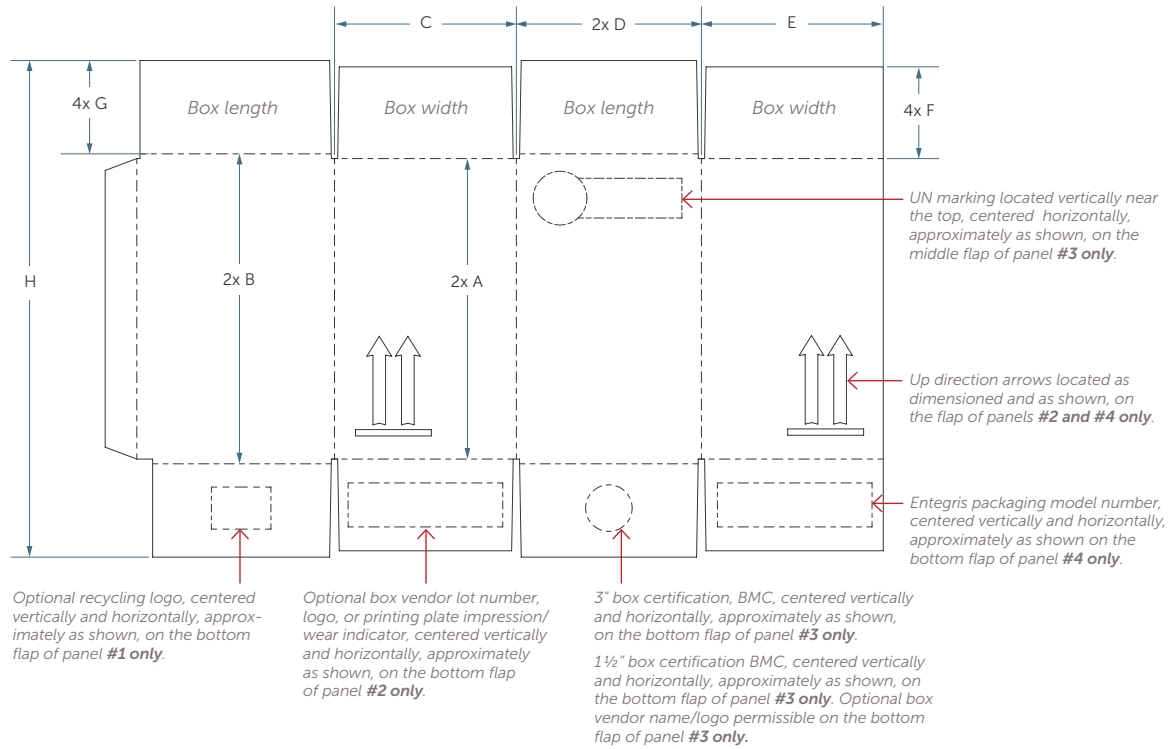


DIMENSIONS (CONTINUED)

Flat Pattern Layout (for NA-11-02-1 Box Only)

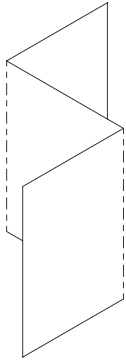
(See page 5 for dimensions)

Exterior of Box



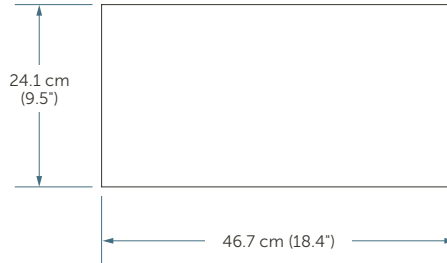
Z Divider

Applicable to NA-11-05-2 only



Top Pad

Applicable to NA-11-05-2 only



DIMENSIONS (CONTINUED)

Part number	Quantity/size	A	B	C	D
NA-11-05-2	2 × 10 L	37.1 cm (14.6")	38.1 cm (15.0")	25.6 cm (10.1")	48.6 cm (19.1")
NA-11-05-1	1 × 10 L	38.1 cm (15.0")	39.1 cm (15.4")	24.0 cm (9.4")	24.0 cm (9.4")
NA-11-04-1	1 × 4 L	30.2 cm (11.9")	31.1 cm (12.2")	18.6 cm (7.3")	18.6 cm (7.3")
NA-11-04-4	4 × 4 L	29.5 cm (11.6")	30.5 cm (12.0")	37.9 cm (14.9")	37.9 cm (14.9")
NA-11-02-1	1 × 2.5 L	27.6 cm (10.9")	28.6 cm (11.3")	16.0 cm (6.3")	16.0 cm (6.3")
NA-11-01-6	6 × 1 L	26.0 cm (10.2")	27.0 cm (10.6")	21.1 cm (8.3")	31.3 cm (12.3")
NA-11-01-1	1 × 1 L	26.0 cm (10.2")	27.0 cm (10.6")	11.0 cm (4.3")	11.0 cm (4.3")

Part number	Quantity/size	E	F	G	H
NA-11-05-2	2 × 10 L	25.2 cm (9.9")	12.7 cm (5.0")	12.9 cm (5.1")	63.8 cm (25.1")
NA-11-05-1	1 × 10 L	23.7 cm (9.3")	11.9 cm (4.7")	12.1 cm (4.8")	63.2 cm (24.9")
NA-11-04-1	1 × 4 L	18.3 cm (7.2")	9.2 cm (3.6")	9.4 cm (3.7")	49.8 cm (19.6")
NA-11-04-4	4 × 4 L	37.6 cm (14.8")	18.9 cm (7.4")	19.1 cm (7.5")	68.6 cm (27.0")
NA-11-02-1	1 × 2.5 L	15.7 cm (6.2")	7.9 cm (3.1")	8.1 cm (3.2")	44.8 cm (17.6")
NA-11-01-6	6 × 1 L	20.8 cm (8.2")	10.5 cm (4.1")	10.6 cm (4.2")	48.3 cm (19.0")
NA-11-01-1	1 × 1 L	10.6 cm (4.2")	5.4 cm (2.1")	5.6 cm (2.2")	38.1 cm (15.0")

Part number	Quantity/size	Z divider* (L × H)	X divider* (L × H)	Top pad* (L × H)
NA-11-05-2	2 × 10 L	70.5 cm × 35.9 cm (27.8" × 14.1")	—	46.7 cm × 24.1 cm (18.4" × 9.5")
NA-11-05-1	1 × 10 L	—	—	—
NA-11-04-1	1 × 4 L	—	—	—
NA-11-04-4	4 × 4 L	—	73.7 cm × 27.9 cm (29.0" × 11.0"), quantity 2	—
NA-11-02-1	1 × 2.5 L	—	—	—
NA-11-01-6	6 × 1 L	—	—	—
NA-11-01-1	1 × 1 L	—	—	—

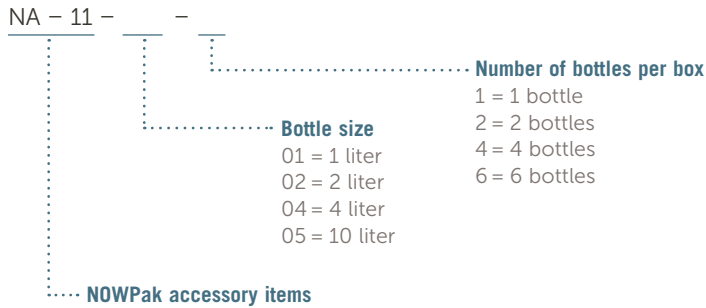
*Unless otherwise specified, quantities are 1 unit.

SHIPPING INFORMATION

Labeling	Refer to drawings on pages 3 and 4 for UN Box markings. The UN boxes are placed into a shipping carton in quantities per the Packaging section table below. The shipping carton is labeled with the UN box part number, quantity, and date of manufacture.		
Packaging	NA-11-XX-X boxes are packaged as follows:		
	PART NUMBER	QUANTITY	CARTON DIMENSIONS
	NA-11-01-1	50	58.4 cm x 58.4 cm x 58.4 cm (23" x 23" x 23")
	NA-11-01-6	50	78.7 cm x 66.0 cm x 53.3 cm (31" x 26" x 21")
	NA-11-02-1	100	78.7 cm x 66.0 cm x 53.3 cm (31" x 26" x 21")
	NA-11-04-1	50	63.5 cm x 63.5 cm x 63.5 cm (25" x 25" x 25")
	NA-11-04-4	25	71.1 cm x 48.3 cm x 109.2 cm (28" x 19" x 43")
	NA-11-05-1	50	78.7 cm x 66.0 cm x 53.3 cm (31" x 26" x 21")
	NA-11-05-2	25	71.1 cm x 48.3 cm x 109.2 cm (28" x 19" x 43")

ORDERING INFORMATION

NOWPak Bottle System UN Rated Corrugated Box: part number



FOR MORE INFORMATION

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