

NOWPak[®] Canisters

Reusable canister for safe transport of high-purity materials

NOWPak[®] Liner-based Canister Systems provide safe and efficient delivery of critical process materials. The pressurizable, reusable canister system promotes ultraclean chemical dispensing without direct contact between the chemical and drive gas, minimizing the risk of microbubbles. Canisters are available in 4- to 200-liter sizes.

APPLICATIONS

- NOWPak systems are designed for applications that require containment and safe transport of high-purity liquids and liquids that are sensitive to outer environments

FEATURES & BENEFITS

- Stainless steel canisters resist breakage, even if dropped or struck
- Liner-based system design minimizes risk of microbubbles in pressure dispense applications and maximizes chemical utilization
- Dual containment of chemical within the liner and canister, along with the double-seal design enhances safety



Clockwise from top left: NO-40, NO-08 and NO-04 canisters

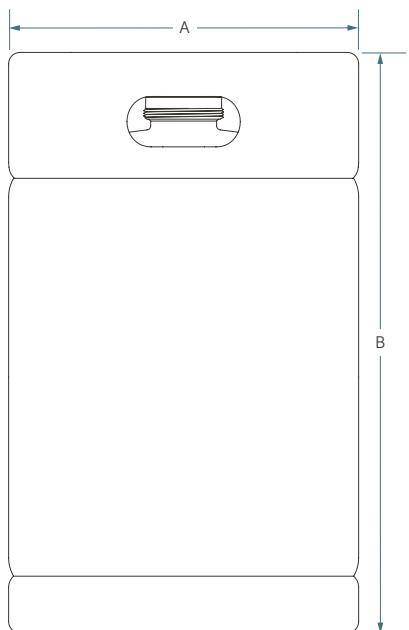
SPECIFICATIONS

Part number	NO-XX-XX		
Rated capacity with liner	See the table on page 3		
United Nations classification	See the table on page 3		
Materials of construction	304 stainless steel		
Neck thread type	See the table on page 3		
Maximum dispense pressure rating	196 kPa (28.4 psig) The maximum allowable dispense pressure rating in the U.S. is 103 kPa (14.7 psig) Please check local regulations for maximum allowable pressure rating		
Dimensions	See the table on page 3		
Interior finish	To be free of all burrs and sharp edges		
Manufacturing standards	Per Entegris' specifications		
Country of origin	Japan		
Corrosion resistant coating option	Available only on NO-07-1 (20 L) and NO-200-2 (200 L) Single PTFE coating on the upper chime surface around the neck of the canister and double PTFE coating on the inside surfaces of the canister		
Pressure relief valve option	Available only on NO-200-2 (200 L)	Cracking pressure	30 psi
		Internal seal	FEP-encapsulated silicone O-ring
		External seal	PTFE gasket
		Thread	1½–11 BSP

SPECIFICATIONS (CONTINUED)

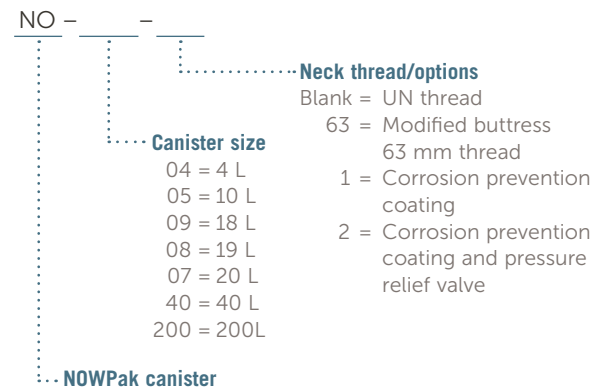
Part number	Rated fill volume with liner	Neck thread	DIMENSIONS		UN rating
			A (outside diameter)	B (height)	
NO-04	4 L	UN 2.5-12	177 mm (7.0")	307 mm (12.1")	1A1/X1.9/300
NO-04-63	4 L	Modified buttress 63 mm	177 mm (7.0")	307 mm (12.1")	1A1/X1.9/300
NO-05	10 L	UN 2.5-12	228 mm (9.0")	385 mm (15.2")	1A1/X1.4/300
NO-05-63	10 L	Modified buttress 63 mm	228 mm (9.0")	385 mm (15.2")	1A1/X1.9/300
NO-09	18 L	UN 2.5-12	228 mm (9.0")	621 mm (24.4")	1A1/X/300
NO-08	19 L	UN 2.5-12	278 mm (10.9")	461 mm (18.2")	1A1/X1.4/300
NO-08-63	19 L	Modified buttress 63 mm	278 mm (10.9")	461 mm (18.2")	1A1/X1.4/300
NO-07	20 L	Modified buttress 63 mm	282 mm (11.1")	506 mm (19.9")	1A1/X1.9/300
NO-07-1*	20 L	Modified buttress 63 mm	282 mm (11.1")	506 mm (19.9")	1A1/X1.9/300
NO-40	40 L	UN 2.5-12	317 mm (12.5")	714 mm (28.1")	1A1/X1.9/300
NO-40-63	40 L	Modified buttress 63 mm	317 mm (12.5")	714 mm (28.1")	1A1/X1.9/300
NO-200	200 L	Buttress 4.75-4	608 mm (23.9")	1002 mm (39.5")	1A2/Y1.9/300
NO-200-2*	200 L	Buttress 4.75-4	608 mm (23.9")	1002 mm (39.5")	1A2/X1.9/300

*NO-07-1 and NO-200-2 canisters have corrosion-resistant PTFE coating. NO-200-2 has a pressure relief valve.



ORDERING INFORMATION

NOWPak Canisters: part number



ORDERING INFORMATION (CONTINUED)

Accessories

Part number	Description
NC-03	Two-piece aluminum breakseal closure, 2.5–12 UN thread, EPDM with PTFE coating closure O-ring, for 4- to 40-liter size canisters with 2.5–12 UN thread.
NC-04	Two-piece aluminum breakseal closure, 63 mm buttress thread, EPDM with PTFE coating closure O-ring, for 4- to 40-liter size canisters with buttress thread.
NC-04-2	Two-piece aluminum breakseal closure, 63 mm buttress thread, FEP-encapsulated silicone closure O-ring, for 4- to 40-liter size canisters with buttress thread.
NC-W2	Thread-on polypropylene closure, 63 mm buttress thread, for use with 4- to 40-liter size canisters with buttress thread.
NC-200-2	Two-piece aluminum breakseal closure, 4.75–4 UN thread, FEP-encapsulated silicone closure O-ring seal, for liners with 2" fitment, 200-liter size canisters.
NC-200-4	Two-piece aluminum breakseal closure, 4.75–4 UN thread, EPDM with PTFE coating closure O-ring seal, for liners with 2" fitment, 200-liter size canisters.
NA-18	Torque wrench, 1/2" drive, for use with 4- to 40-liter size canisters.
NA-10	Torque adapter, 1/2" drive, for use with NC-03 and NC-04 aluminum closures.
NA-03	Torque adapter, 1/2" drive, for use with NC-W2 closures, 4- to 40-liter size canisters.
NA-92	Torque wrench, for use with NC-200-2 and NC-200-4 closures, 200-liter size canisters.
DA-06	Torque adapter, for use with NC-200-2 and NC-200-4 closures.
NF-01-FR	Automatic bag inflation fixture, for 4- to 20-liter size canisters.
NF-40-FR	Automatic bag inflation fixture, for 40-liter size canisters.
NF-180/200-FR	Automatic bag inflation fixture, for 200-liter size canisters.
NA-41	Manual bag inflation connector, 63 mm buttress thread, for 4- to 20-liter size canisters.
NA-41-8990	Manual bag inflation connector, 2.5–12 UN thread, for 4- to 20-liter size canisters.
NA-60	Liner insertion tool, for 4- to 40-liter size canisters.
NA-60-200	Liner insertion tool, for 200-liter size canisters.
NA-06	Liner removal tool, for 4- to 40-liter size canisters.
DA-04	Liner removal tool, for 200-liter size canisters.
NA-13	Diptube removal tool, for 4- to 200-liter size canisters.
NA-93	Diptube removal tool with pull handle, for 4- to 200-liter size canisters.

Note: Replacement liner and diptube ordering information is available on the individual replacement liner and diptube datasheets.

LIMITED WARRANTY

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