

# NovAseptic® VALVE, DIAPHRAGM, EPDM

## **PRODUCT DESCRIPTION**

The NovAseptic Valve is specifically designed for aseptic applications and complies with the most stringent cleanability and sterilization requirements. The focus on aseptic design is a significant feature for all valves. The NovAseptic Valve is designed for minimum dead leg, complete drainability and high chemical resistance.

## **Catalogue Numbers:**

NA#/22



#### Catalogue Number Structure

NA# / 22 I I Diaphragm Model 22 = EPDM Diaphragm

## Nominal Dimensions in mm (in.)

Catalogue Number	ØA	В	Øc	Compatible Valve NA#	Compatible Valve NU#
NA12/22	34.0 (1.339)	16.0 (0.630)	18.0 (0.709)	NA12	NU050
NA18/22	46.5 (1.831)	23.0 (0.906)	25.0 (0.984)	NA18	NU075
NA25/22	62.0 (2.441)	29.3 (1.154)	34.0 (1.339)	NA25	NU100
NA38/22	75.0 (2.953)	42.4 (1.669)	48.3 (1.902)	NA38	NU150
NA51/22	97.0 (3.819)	52.4 (2.063)	64.0 (2.520)	NA51	NU200
NA76/22	121.4 (4.779)	78.2 (3.079)	88.0 (3.465)	NA76	NU300

\*Note: Non-standard thread, special to fit NovAseptic Actuators

## Specifications

Net Weight (approximate)						
Diaphragm	NA12	NA18	NA25	NA38	NA51	NA76
Weight kg (lb)	0.01 (0.022)	0.02 (0.044)	0.05 (0.11)	0.10 (0.220)	0.16 (0.353)	0.44 (0.970)

Design Temperature				
	Short Term Use*			
Max (Dry Heat)	140 °C (284 °F)			
Max (Steam)	140 °C (284 °F)			
Min	-30 °C (-22 °F)			
*Note: 1h continuously				

\*Note: <1h continuously.

Additional Information			
Material	EPDM, ethylene propylene diene monomer rubber. The Diaphragm is manufactured from 100% EPDM		
Surface Roughness	Smooth (hydrophobic)		
Design Pressure	-1 to 6 bar(g) (-14.5 to 87.0 psi(g))		
Labeling	Each Diaphragm is labeled for full LOT traceability according to Millipore QA routines		
Packaging	The Diaphragm is packaged in a closed box		
Quality Control	Millipore Quality Assurance System guarantees the control and traceability of the product		
In Compliance with	All Diaphragms are manufactured with materials in compliance with FDA regulations §177.2600 and supplied with statement. The Diaphragm meets USP Biological Tests for Plastics, Class VI		

\*Note: The applied valve body and actuator may have different design temperature and/or pressure limits. The weakest component in the assembled product determines the maximum design temperature and pressure limits.



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