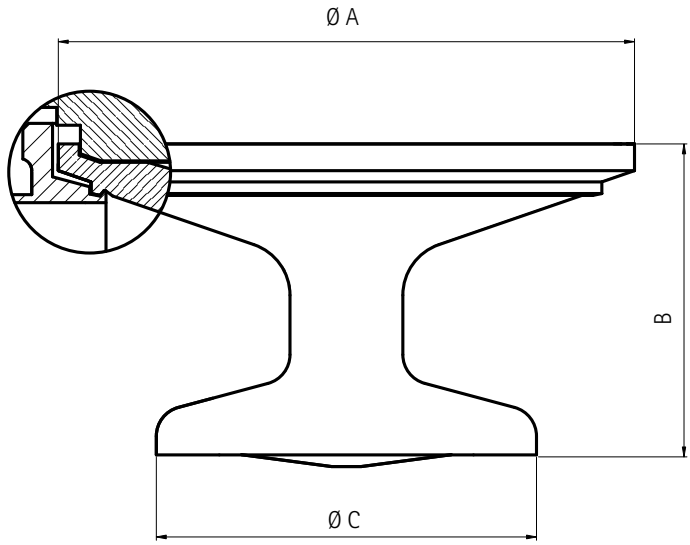
Catalogue Number: NA#/26

Specification Sheet

NovAseptic® Valve, DIAPHRAGM, Silicone Platinum cured

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 Number Structure

NA#	/	26
|		|
Diaphragm Model		26 = Silicone Platinum Cured Diaphragm

Nominal Dimensions in mm (in.)

Catalogue Number	ØA	B	ØC	Compatible Valve NA#	Compatible Valve NU#
NA12/26	34.0 (1.339)	16.0 (0.630)	18.0 (0.709)	NA12	NU050
NA18/26	46.5 (1.831)	22.5 (0.886)	25.0 (0.984)	NA18	NU075
NA25/26	62.0 (2.441)	27.8 (1.094)	33.8 (1.331)	NA25	NU100
NA38/26	75.0 (2.953)	40.9 (1.610)	48.0 (1.890)	NA38	NU150
NA51/26	97.0 (3.819)	51.4 (2.024)	64.0 (2.520)	NA51	NU200

Specifications

Net Weight (approximate)					
Diaphragm	NA12	NA18	NA25	NA38	NA51
Weight kg (lb)	0.01 (0.022)	0.02 (0.044)	0.05 (0.11)	0.09 (0.20)	0.15 (0.331)

Design Temperature	
	Short Term Use*
Max (Dry Heat) Oxygen Rich Environment	220 °C (428 °F)
Max (Dry Heat) Oxygen Poor Environment	150 °C (302 °F)
Max (Steam)	130 °C (266 °F)
Min	–50 °C (–58 °F)

* Note: <1 h continuously.

Additional Information	
Material	ELASTOSIL® R 4001/70MH Silicone Rubber. The Diaphragm is manufactured from 100% medical grade silicone rubber, platinum cured Chemically, for your specific needs, see appropriate guidelines and actual media characteristics
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 traceability according to our QA routines
Packaging	The Diaphragm is packaged in a closed box
Quality Control	Our Quality Assurance System guarantees the control and traceability of the product
Regulatory	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.

Technical Assistance

For more information, please visit **SigmaAldrich.com** for up-to-date worldwide contact information

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