

Go-No-Go® Absorptive Cartridges



DOUBLE-DUTY FOR TWICE THE PROTECTION

Facet's Go-No-Go (GNG) absorptive cartridges perform two jobs with one cartridge. It absorbs water and removes solids reliably and efficiently.

As the product stream flows from the outside of the cartridge to the inside, the GNG special water absorbent medium retains water, and the pleats expand. As the maximum water holding capacity is reached, there is a reduction in flow. The cartridge slows, then stops the flow of product as it reaches maximum capacity. This indicates that the cartridge is ready to be changed, assuring you of clean, dry product.

BENEFITS

- Absorbs highly emulsified water to less than 5 ppm
- Provides positive shut-off—increased differential pressure signals cartridge change-out
- Holds larger amounts of water than competition
- Ultra fine particulate removal efficiencies
- High collapse rating of cartridges
- Quick, easy cartridge change-out
- Easy housing installation

STANDARD DESIGN FEATURES

- Recommended maximum operating temperature: 180°F
- Maximum differential pressure: 100 psi (7.0 kg/cm²)
- Flow direction: Outside to in
- Layered multi-media pleated sections

MATERIALS

- All metal components treated to protect against corrosion
- Special water absorbing medium
- Metal support shells
- Standard gasket material is Buna-N—other materials available upon request

APPLICATIONS

- Fuel dispensing pumps
- Off-road machinery
- Service stations
- Marinas
- Truck stops
- Bus fueling
- Diesel fuel
- Gasoline
- Kerosene
- Other engine fuels
- Various oils

FLOW RATES (5 MICRON)													
MODEL		GNG-210-5PL		GNG-512-5PL		GNG-609-5PL		GNG-612-5PL		GNG614-5PL		GNG-718-5PL	
VISCOSITY		FLOW	ΔP	FLOW	ΔP	FLOW	ΔP	FLOW	ΔP	FLOW	ΔP	FLOW	ΔP
ssu	cs	gpm	psi	gpm	psi	gpm	psi	gpm	psi	gpm	psi	gpm	psi
29	1	20.0	2	50.0	3	45.0	4	60.0	4	50.0	2	75.0	2
32	2	20.0	3	48.0	4	36.0	4	50.0	4	58.0	4	74.0	4
39	4	18.0	4	36.0	4	27.0	4	37.0	4	43.0	4	55.0	4
46	6	12.0	4	24.0	4	18.0	4	25.0	4	29.0	4	37.0	4
58	10	7.0	4	14.0	4	11.0	4	15.0	4	18.0	4	23.0	4
98	20	3.6	4	7.0	4	5.5	4	7.5	4	9.0	4	12.0	4
140	30	2.4	4	5.0	4	3.6	4	5.0	4	6.0	4	8.0	4
190	40	1.8	4	3.6	4	2.7	4	3.75	4	4.0	4	5.0	4
230	50	1.4	4	2.8	4	2.1	4	3.0	4	3.0	4	4.0	4
342	75	1.0	4	1.9	4	1.4	4	2.0	4	2.0	4	2.5	4
455	100	0.7	4	1.4	4	1.0	4	1.5	4	2.0	4	2.25	4
910	200	0.3	4	0.7	4	0.5	4	.75	4	1.0	4	1.25	4
1365	300	0.2	4	0.4	4	0.3	4	.5	4	.5	4	.6	4
1818	400	0.1	4	0.3	4	0.25	4	.4	4	.4	4	.5	4

Due to our continuing program of improvement, specifications are subject to change without notice.

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PERFORMANCE SPECIFICATION

NOMINAL REMOVAL MICRON	5	25
GNG	•	•

MATERIALS OF CONSTRUCTION

FILTER MEDIA OPTIONS:

5,25 µm: Water Absorptive Media

GASKET MATERIALS:

Standard: Buna-N

Optional: Other materials available upon request

COMPONENTS:

Center Core: Offered in Tin Plated, Powder Coated

End Caps: Carbon Steel
Outer Body:

ADHESIVES: Urethane
Two Part Epoxy
Plastisol

FILTER SIZES AND DIMENSIONS

SERIES	OD (inches)	ID (inches)	LENGTH (inches)
GNG-210-5PL	2 5/8	1 1/32	9 3/4
GNG-210-25PL	2 5/8	1 1/32	9 3/4
GNG-412-5PL	4 1/2	1 3/4	12 1/8
GNG-512-5PL	5 5/8	1 7/8	12 1/4
GNG-512-25PL	5 5/8	1 7/8	12 1/4
GNG-609-5PL	6	1 1/2	9 13/16
GNG-609-25PL	6	1 1/2	9 13/16
GNG-612-5PL	6	3 1/2	12 11/16
GNG-612-25PL	6	3 1/2	12 11/16
GNG-614-5PL	6	3 1/2	14 1/2
GNG-718-5PL	6	2 5/8	18
GNG-718-5PLZ	6	3 3/16	18
GNG-736-5PL	6	2 5/8	36

Note: The dimensions are nominal. These are standard sizes. Normal delivery is 2-3 weeks ARO. Many other size and combinations are available. Please call us for special sizes.

TEMPERATURE/COMPATIBILITY GUIDE

MEDIA	MAXIMUM TEMPERATURE	pH RANGE	PETROLEUM PRODUCTS	CHEMICALS	AQUEOUS SOLUTIONS
Water Absorptive Media	180 °F	5-9	Excellent	Good	N/A

CARTRIDGE ORDERING INFORMATION

SERIES	DIMENSIONS	MICRON RATING	MEDIA	SPECIAL FEATURES
GNG	614	5	PL	Z= Special ID
	See Filter Sizes And Dimensions Table	5, 25	PL= Pleated Paper	V= Viton Gasket J= Non Asbestos Gasket N= Neoprene Gasket

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