

MICRO-PURE Filter Cartridge

M G A Type

(Suitable for food and beverage)

The "MGA" cartridge is a pleated filter, constructed of ultra-fine glass fiber media based polyester. The diameter of glass fiber is much finer than that of polypropylene, accordingly the "MGA" provides higher flow rates under low differential pressures compared with pleated filters made of polypropylene.

Features

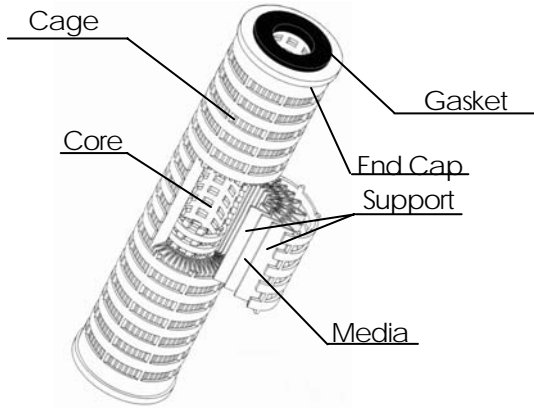
- Using the ultra- fine glass fiber media based polyester, the "MGA" provides stable filtration performance, while maintaining higher flow rates under low differential pressures.
- Constructed of glass fibers, the "MGA" can remove colloidal particles effectively.
- The "MGA" can remove the particles effectively less than 1 micron, which makes a contribution to cost saving for operation in total when combined with membrane filters.

Major Applications

- Micro filtration of D.I. water and water for use in general industry
- Micro filtration of industrial chemicals
- Clarification filtration of soft drinks and wines
- Pre filters of membrane filters
- Others

MICRO-PURE Filter Cartridge MGA Type

Materials of Construction



Ordering Information

250	L - MGA -	010	E	F	B
Nominal Length	Product Type	Micron Rating	Gasket / O-Ring	End Cap Code	Packaging Code
125 = 125mm 250 = 250mm 500 = 500mm 750 = 750mm		003 = 0.3 μ m 006 = 0.6 μ m 010 = 1.0 μ m 020 = 2.0 μ m 030 = 3.0 μ m	S = Silicone E = EPDM N = NBR V = FKM T = FEP Encapsulated FKM (for 0, 5, 7) PTFE (for F)	F = D.O.E. 0 = 2-222 O-Ring 5 = 2-222 O-Ring+Fin 7 = 2-226 O-Ring+Fin	B = 6pcs C = 10pcs F = 25pcs

Specifications

Product Type		MGA				
Grade		003	006	010	020	030
Micron Rating (μ m)		0.3	0.6	1.0	2.0	3.0
E.F.A. (m ³ /250L)		0.39	0.35	0.59	0.63	0.61
Dimensions	Length (mm)	125 / 250 / 500 / 750				
	O.D. (mm)	70.0				
	I. D. (mm)	26.1 (for F) / 25.6 (for 0, 5) / 30.0 (for 7)				
Materials	Media	Resin bonded Glass Fiber				
	Support	Polypropylene				
	Core	Polypropylene				
	Cage	Polypropylene				
	End Cap	Polypropylene				
	Gasket/O-Ring	NBR / EPDM / Silicone / FKM FEP Encapsulated FKM (for 0, 5, 7) / PTFE (for F)				
Δ P (MPa) at 20°C		0.49				
Operating Temp. (°C)		80				
Adaptable Food Sanitation Standard		Ministry of Health, Labor and Welfare, Notice370				



All the filter cartridges are set in the polypropylene capsules

These products are manufactured under control by the quality management system registered as conforming to the ISO9001 Standard.



ISO9001 : 2000 QMS Accreditation
REG. No. JSAQ1436 R001
Scope: Manufacture of Filter Cartridges

※If you need further information on specifications (length, end cap type, etc.), please contact us.

Distributor

ROKI

ROKI TECHNO CO., LTD.
6-20-12, Minamiohi, Shinagawa-ku
Tokyo, 140-8576 Japan
TEL +81-3-5764-1131
FAX +81-3-5764-0681
HF21070IJP-9 12th Issue