PGA Series - PP Pleated Filter Cartridges



PGA Series are all-polypropylene filter cartridges made with submicron fine fiber filter media which provide smaller pores. It is fabricated without using any binders, adhesives, plasticizers, and surfactants. PGA filters can be repeatedly hot water sanitized. The filter media and its support structure are thermally welded to the end caps, making integral filter cartridges of minimum extractables in a wide range of fluids and applications. All the filter cartridges are manufactured in a clean room environment.

Features

- Nominal rated structure, particle removal rating from 0.1 to 50 Micron
- Non filber release
- 100% polypropylene components provide broad chemical compatibility, suitable for use in a variety of fluids
- Various end cap configurations to fit into most standard housings

Applications

- Pharmacitical
- RO Pre-Filtration
- Fine Chemicals
- Process Water

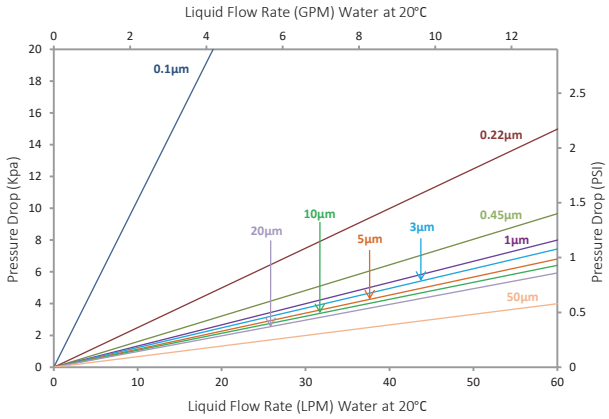
Material of Constructions

Media	Polypropylene
Support	Polypropylene
Cage/Core/End cap	Polypropylene
Seal Material Options	Silicone, EPDM, NBR, FKM

Performance

Max. Operating temperature	80°C (176°F)
Max. Operating DP	4 bar(58psi) @ 20°C (68°F)
	2 bar(29psi) @ 80°C (176°F)
Filtration Area	0.4 - 0.7m^2 per 10" Filter

PGA Flow Rate Per 10"



Quality

- Manufactured in a clean room environment
- Manufactured according to ISO9001:2015 certified Quality Management System

Food Contact Compliance

- Materials of construction comply with FDA regulations for food and beverage contact use as detailed in the US Code of Federal Regulations 21CFR
- Passed European Commission Directives (EU10/2011)
- Halal Certified

Ordering Information



Removal Rating	End Cap Type		Length	Seal Material	Core
0010 = 0.1μm	F = DOE	K = 222 (SS Insert) / Fin	5 = 5"	S = Silicone	P = PP
0022 = 0.22μm	M = 222 / Flat	R = 226 (SS Insert) / Fin	10 = 10"	E = EPDM	S = SUS
0045 = 0.45μm	T = 226 / Flat	V = 226 (SS Insert) / Flat	20 = 20"	B = NBR	
0100 = 1μm	P = 222 / Fin	J = 222 (SS Insert) / Flat	30 = 30"	V = FKM	
0300 = 3μm	Q = 226 / Fin	G = 226 (PSU Insert) / Fin	40 = 40"	F = E-FKM	
0500 = 5μm	H = 213 / Flat	I = 226 (PSU Insert) / Flat			
1000 = 10μm	E = 222 Extended / Fin	X = 222 (SS Insert) / Spear Fin			
2000 = 20μm	N = 222 Extended / Flat	Y = 226 Spear Fin			
5000 = 50μm	W = 222 Spear fin	Z = 226 (SS Insert) / Spear Fin			

DISCLAIMER: Filtration data presented is representative of performance observed in controlled laboratory testing. It is not given as a warranty, specification or statement of fitness for use. Specific performance can vary widely depending on contaminant type, fluid properties, flow rates and environmental conditions. It is recommended that users conduct thorough qualification testing to assure the product functions as required.

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