

Fulflo® MaxGuard Filter Cartridges

MaxGuard™ High Capacity Cartridge

Parker's MaxGuard™ high capacity cartridge product line provides a cost effective alternative to bag media or standard 2-1/2 inch cartridges for high flow applications. Each MaxGuard™ cartridge has a 6" nominal outside diameter and can handle flows up to 90 gpm, significantly reducing the number of cartridges required for large flow applications.

MaxGuard™ cartridges are available in polypropylene, cellulose and Nomex™ media. All cartridges feature an industry standard 226 positive O-ring seal and easy-to-grasp integrated handle.



Benefits

- High flow capacity means fewer cartridges and reduced labor costs associated with change-out
- High flow capacity allows for smaller housings and less capital expenditure
- Heavy wall core ensures superior strength
- Integrated handle makes change-outs fast, easy and safe
- Positive 226 O-ring seal assures filtration integrity

- Absolute retention ratings for critical filtration
- Polypropylene cartridges listed as acceptable for potable and edible contact according to CFR Title 21
- Manufactured with strict quality control
- Parker Process Filtration Division is an ISO9001:2000 registered company

Applications

- Deep well injection
- Amines
- Commercial water
- Food and Beverage



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Specifications

Liquid Particle Retention Ratings (μm) @ Removal Efficiency of:

Cartridge	$\beta=5000$ Absolute	$\beta=1000$ 99.90%	$\beta=100$ 99%	$\beta=50$ 98%	$\beta=20$ 95%
MXGC020	2	1.6	0.4	0.2	<0.1
MXGC100	10	6	1.4	0.5	<0.2
MXGC150	15	11	3	1.5	<0.6
MXGC700	70	53	8.5	3	<0.5
MXGP005	0.5	0.4	0.2	<0.2	<0.1
MXGP020	2	1.4	0.4	0.2	<0.1
MXGP050	5	3.8	1.2	0.3	<0.1
MXGP100	10	7	3	0.9	<0.2
MXGP200	20	18	5	2	<0.2
MXGP400	40	23	18	8	<0.7
MXGN1000	100	91	83	64	35

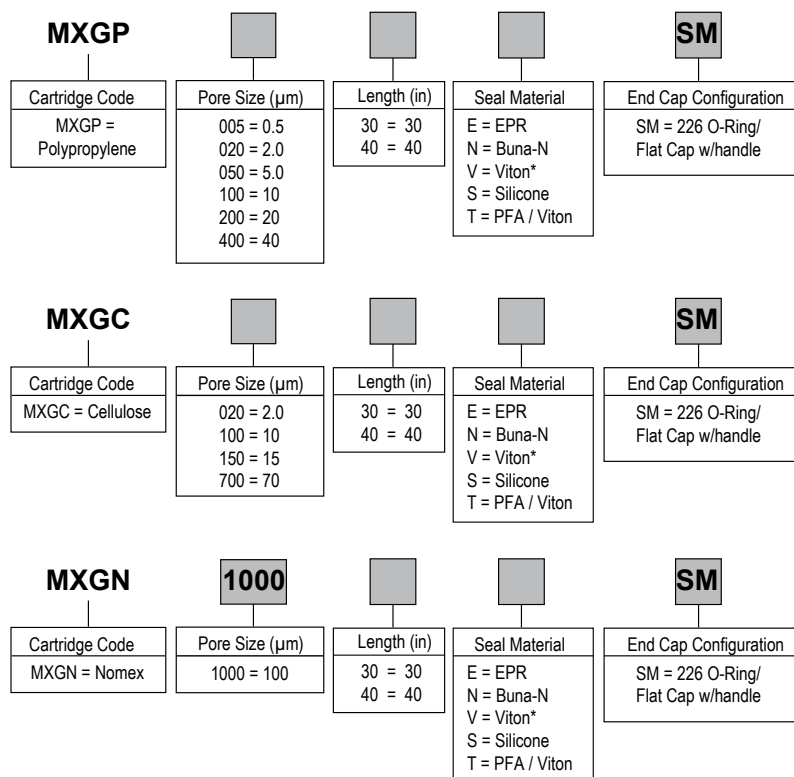
MaxGuard Cartridge Flow Factors (psid/gpm @ 1 cks)

Cartridge	Flow Factor
MXGC020	0.0017
MXGC100	0.0011
MXGC150	0.00012
MXGC700	0.000066
MXGP005	0.0900
MXGP020	0.00331

Cartridge	Flow Factor
MXGP050	0.00619
MXGP100	0.00218
MXGP200	0.00051
MXGP400	0.00023
MXGN1000	0.00002

* Flow factors based on water at ambient temperature

Ordering Information



Specifications

Materials of Construction:

- Media: MXGP (polypropylene), MXGC (cellulose), MXGN (Nomex™*)
- Support/Drainage: Polypropylene (MXGP/C), stainless steel (MXGN)
- Structural components: Polypropylene (MXGP/C), stainless steel (MXGN)
- Seal Material: Various

Recommended Operating Conditions:

- Maximum Temperature:
 - MXGP/C - 176°F (80°C) @ 30 psid (2.1 bar)
 - MXGN - 425°F (220°C) @ 30 psid
- Maximum Differential Pressure:
 - Forward:
 - 70 psid (4.8 bar) @ 77°F (25°C)
 - 30 psid (2.1 bar) @ 176°F (80°C)
 - Reverse (MXGN Only):
 - 50 psid (3.4 bar) @ 77°F (25°C)

Specifications are subject to change without notification.
*Viton is a registered trademark of E.I. DuPont de Nemours & Co., Inc.

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