

Fulflo® MaxGuard™ Filter Cartridges

High-capacity cartridge

Parker's MaxGuard™ high capacity cartridge product line provides a cost effective alternative to bag media or standard 2½ inch cartridges for high flow applications. Each MaxGuard cartridge has a 6" nominal outside diameter and can handle flows up to 90gpm, significantly reducing the number of cartridges required for large flow applications.

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



Contact Information

Parker Hannifin Corporation
Industrial Process Filtration - N.A.
118 Washington Avenue
Mineral Wells, TX 76067

phone +1 940 325 2575
industrialprocess.na@parker.com

www.parker.com/industrialprocess

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
- All cartridges constructed with polypropylene (MXGP) are FDA listed as acceptable for potable and edible contact according to CFR Title 21
- Manufactured with strict quality control
- ISO 9001 registered company

Applications

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



ENGINEERING YOUR SUCCESS.

Fulflo® MaxGuard™ Filter Cartridges

SPECIFICATIONS

Materials of Construction

Media:
MXGP (Polypropylene)
MXGC (Cellulose)

Support/Drainage
Polypropylene (MXGP/C)

Structural components
Polypropylene (MXGP/C)

Seal Material
Various

Recommended Operating Conditions

Maximum Temperature
MXGP/C - 176°F (80°C) @ 30psid (2.1bar)

Maximum Differential Pressure

Forward:
70psid (4.8bar) @ 77°F (25°C)
30psid (2.1bar) @ 176°F (80°C)

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

Cartridge	β=5000 Absolute	β=1000 99.90%	β=100 99%	β=50 98%	β=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
MXGP700	70	50	30	20	10

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

Cart.	Flow Factor
MXGC020	0.00170
MXGC100	0.00110
MXGC150	0.00012
MXGC700	0.00007

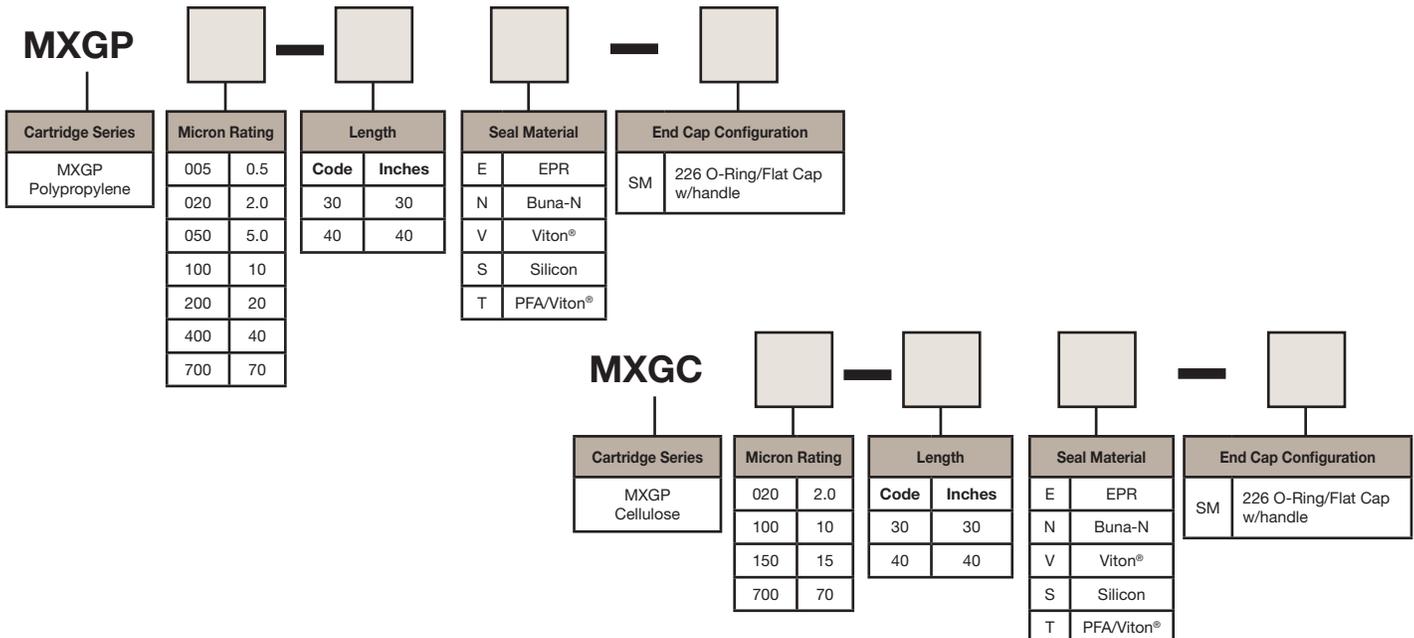
*Flow Factors based on water at ambient temperature

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

Cart.	Flow Factor
MXGP005	0.01086
MXGP020	0.00950
MXGP050	0.00619
MXGP100	0.00218
MXGP200	0.00051
MXGP400	0.00023
MXGP700	0.00011

*Flow Factors based on water at ambient temperature

Ordering Information



Specifications are subject to change without notification.
For User Responsibility Statement, see www.parker.com/safety

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