



## MAXGUARD Select Large Diameter Filters

- liquid filters
- polypropylene and cellulose

MAXGUARD Select high capacity cartridge provides a cost-effective alternative to bag media or standard 2-1/2-inch cartridges for high flow applications.

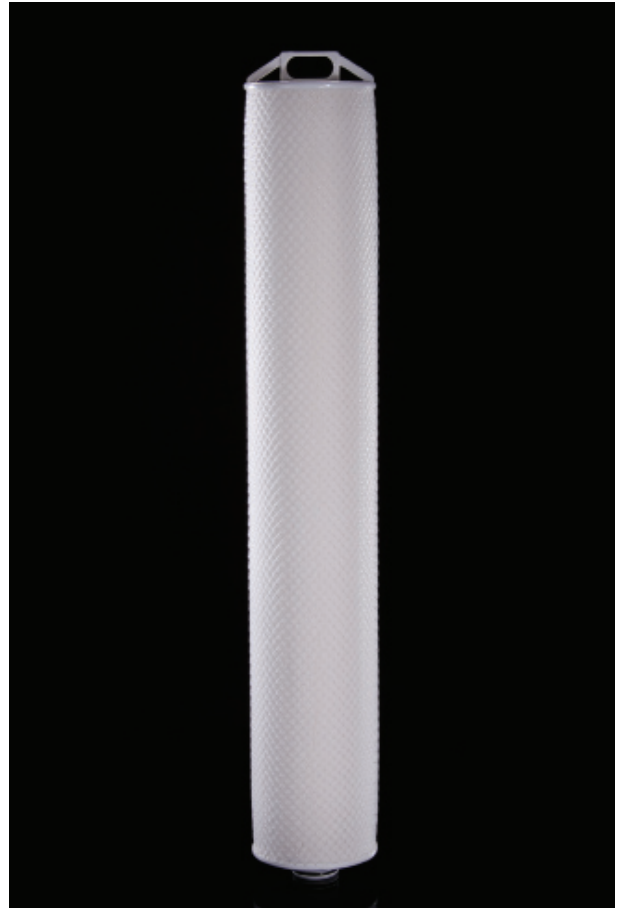
Each MAXGUARD cartridge can handle flows up to 379 lpm, significantly reducing the number of cartridges required for large-flow applications.

The MAXGUARD Select contains up to 40% more dirt-holding capacity than the standard MAXGUARD. The MAXGUARD Select cartridge is available with polypropylene media.

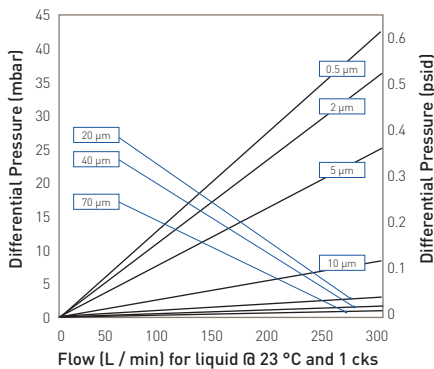
All cartridges feature an industry standard 226 positive o-ring seal and easy-to-grasp integrated handle.

### Features and Benefits

- High flow capacity means fewer cartridges and reduced labor costs associated with change-out
- Cartridge is 100% thermally welded
- Positive 226 o-ring seal assures filtration integrity
- Absolute retention ratings from 0.5 to 70 micron for critical filtration




### Performance Characteristics



40" Size (1016 mm) Cartridge

## Specifications

### Materials of Construction

- Filtration Media: Polypropylene
- Support / Drainage: Polypropylene
- Structural Components: Polypropylene
- Seal Material: Various
- Select Pleating: 

### Retention Characteristics

	Micron Rating at Various Efficiencies				
	Absolute 5000	99.9% 1000	99% 100	98% 50	95% 20
MGSP005	0.5	0.4	0.2	>0.2	<0.1
MGSP020	2	1.4	0.4	0.2	<0.1
MGSP050	5	3.8	1.2	0.3	<0.1
MGSP100	10	7	3	0.9	<0.2
MGSP200	20	18	5	2	<0.2
MGSP400	40	23	18	8	<0.7
MGSP1000	100	91	83	64	35

### Filtration Rating

99.98% at specified micron rating

### Recommended Operating Conditions

Max Temperature: 80°C (176°F)  
at 2.1 bar (30 psid)

Max Differential Pressure Forward:  
4.8 bar (70 psid)  
at 25°C (77°F)  
2.1 bar (30 psid)  
at 80°C (176°F)

### Dimensions

Outside diameter: 154 mm (6.06")  
Inside diameter: 49 mm (1.92")

### Flow Characteristics

MAXGUARD Select filters are capable of filtering 378 L/min.

### Applications

- Amines
- Commercial water
- Industrial wash waters

## Ordering Information

MGSP				SM
Cartridge Series	Code   Micron	Code   Length	Code   Seal Material	Endcap Configuration
MAXGUARD Select	005 0.5 µm 020 2.0 µm 050 5.0 µm 100 10.0 µm 200 20.0 µm 400 40.0 µm 700 70.0 µm	30 30" (750 mm) 40 40" (1016 mm)	E EPR N Buna-N V Viton* S Silicone T PFA / Viton	226 O-Ring / Flat Cap w / handle

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