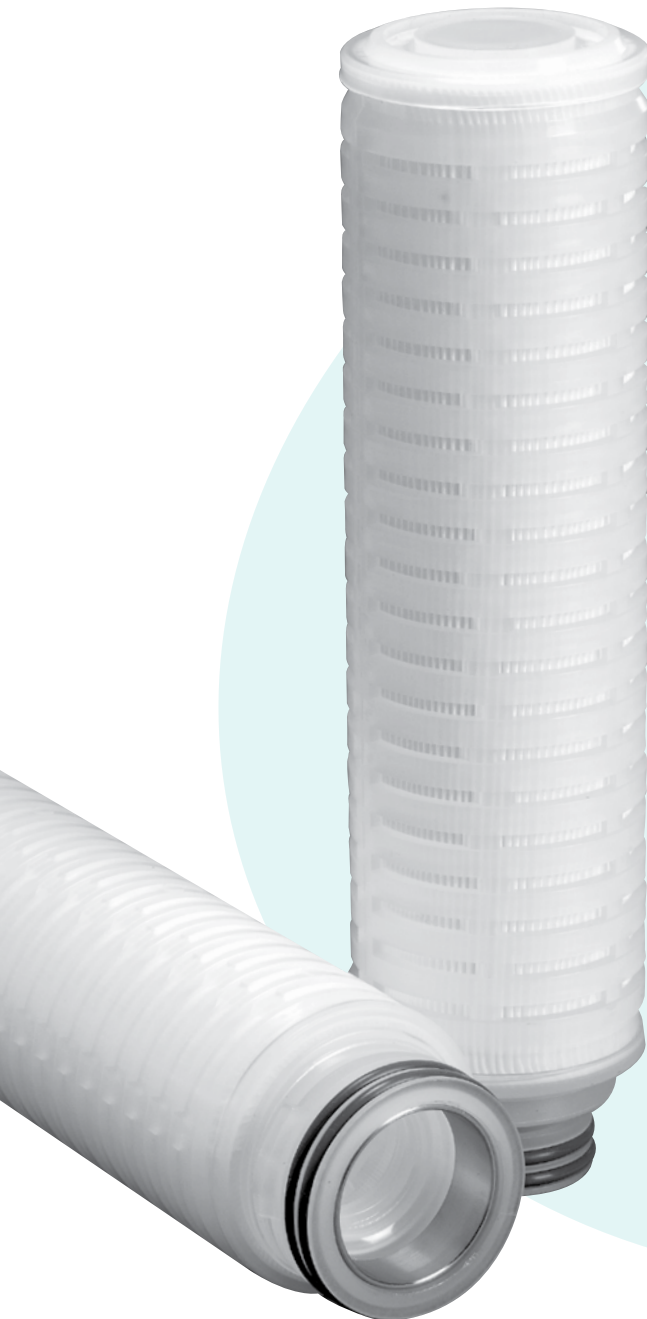


Poly-MAXX G

Polypropylene Pleated Depth Cartridges

The Poly-Maxx G, all-Polypropylene, nominally rated filter cartridge is designed to reduce overall filtration costs when compared to spunbonded, stringwound and nominally-rated pleated cartridges. The Poly-Maxx G media is designed and manufactured on state-of-the-art meltblowing equipment under Strainrite's strict specifications for high solids loading requirements in a variety of prefiltration applications.

Poly-Maxx G is constructed using the latest high-speed thermal bonding equipment in a clean environment to ensure superior product cleanliness and thermal and chemical compatibility. All of these depth cartridges are manufactured using 100% virgin Polypropylene materials that comply with FDA Title 21 of The Code of Federal Regulations for food and beverage contact.



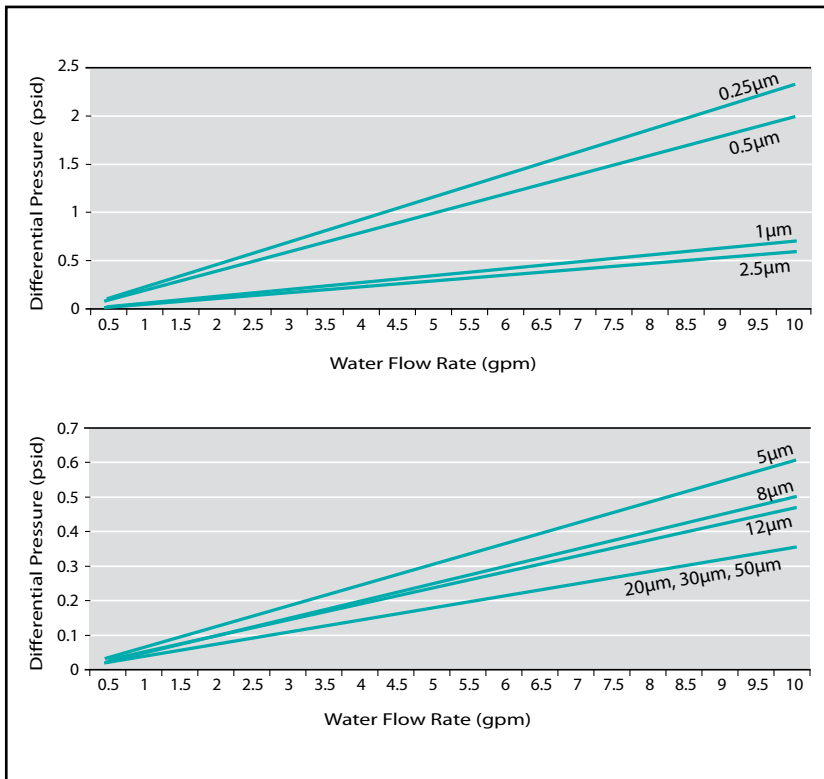
Features and Benefits

- MAXX-imum pleat design for greater surface area, ensuring longer service life, fewer change outs and reduced operating costs per cartridge
- FDA Title 21 compliant for food and beverage contact
- Lower pressure drops, which yield higher flow rates and reduced processing time
- 100% Polypropylene construction offers a wide range of chemical compatibility
- Thermally bonded construction to ensure a cleaner filtrate

Typical Applications

Wine clarification
Water filtration
Solvent filtration
RO/DI prefiltration
Liquefied sugar
Waste Water

PMXG Pressure Drop vs. Flow Rate



Product Efficiency

Poly-MAXX G		99% Efficiency
PMXG	0.25	0.25µm
PMXG	0.50	0.50µm
PMXG	1	1.0µm
PMXG	2.5	2.5µm
PMXG	5	5.0µm
PMXG	8	8.0µm
PMXG	12	12.0µm
PMXG	20	20.0µm
PMXG	30	30.0µm
PMXG	50	50.0µm

Product Specifications

Materials of Construction

Filter Media:	Polypropylene Microfiber
Pleat Support:	Polypropylene
End Caps:	Polypropylene
Cage/Core:	Polypropylene
Sealing:	Thermal Bond
Seals:	Buna N, Fluorocarbon, EPDM FEP Encapsulated Fluorocarbon, PTFE, Silicone

Dimensions

Outside Dia:	2.7" (6.87cm)
Lengths:	10" (25.4cm), 20" (50.8cm), 30" (76.2cm), 40" (102cm)

Performance Specification

Retention Rating:	0.25, 0.50, 1.0, 2.5, 5.0, 8.0, 12.0, 20.0, 30.0, 50.0
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Maximum Forward Differential Pressure

75 psid (5.1 bar) @ 68°F (20°C)
40 psid (2.8 bar) @ 150°F (65°C)

Maximum Operating Temperature

180°F (82°C) Continuous Duty

Toxicity

All components meet all relevant USP XXII Class VI test for biological safety and FDA requirements for contact with food and beverage per 21CFR177.1520

Packaging Economy

Bulk packaging in case quantities to reduce material disposal:

10 inch	24 per carton
20 inch	12 per carton
30 inch	12 per carton
40 inch	9 per carton

Cartridge Series ex. PMXG	Micron Rating 1	Length -10	End Cap Configurations C7	Gasket/O-ring Materials S	Cartridge Grade
Poly-MAXX G	0.25	10	C1-DOE flat open ends	S - Silicone (standard O-rings)	Blank-General
	0.50	20	C2-SOE recessed cup, internal 213 O-ring	B - Buna N (standard gaskets)	1 - FDA Grade
	1	30	C3-SOE flat closed ends, external 222 O-ring	V - Fluorocarbon	2 - Pharmaceutical
	2.5	40	C4-SOE flat closed end	E - EPDM	Options I - 316 Stainless Steel Insert DIF - DI Flush
	5		C5-SOE recessed cup, external 222 O-ring	T - PTFE	
	8		C6-SOE flat closed end, external 226 O-ring	TV - FEP Encapsulated Fluorocarbon	
	12		C7-SOE fin end, external 226 O-ring	TS - FEP Encapsulated Silicone	
	20		C8-SOE fin end, external 222 O-ring		
	30				
	50				