

Precise 4 Zone design

Offering a high grade, 4-zone true depth loading with a very high particle retention that provides exceptional dirt loading to give you the best element.

Elements are produced in standard and custom sizes to meet all applications including FDA compliant material for indirect food contact under 21CFR177 (current revision). Elements are produced using 100% polypropylene and a unique integrated 3 stage process in 0.5 to 150 micron high efficiency grades.

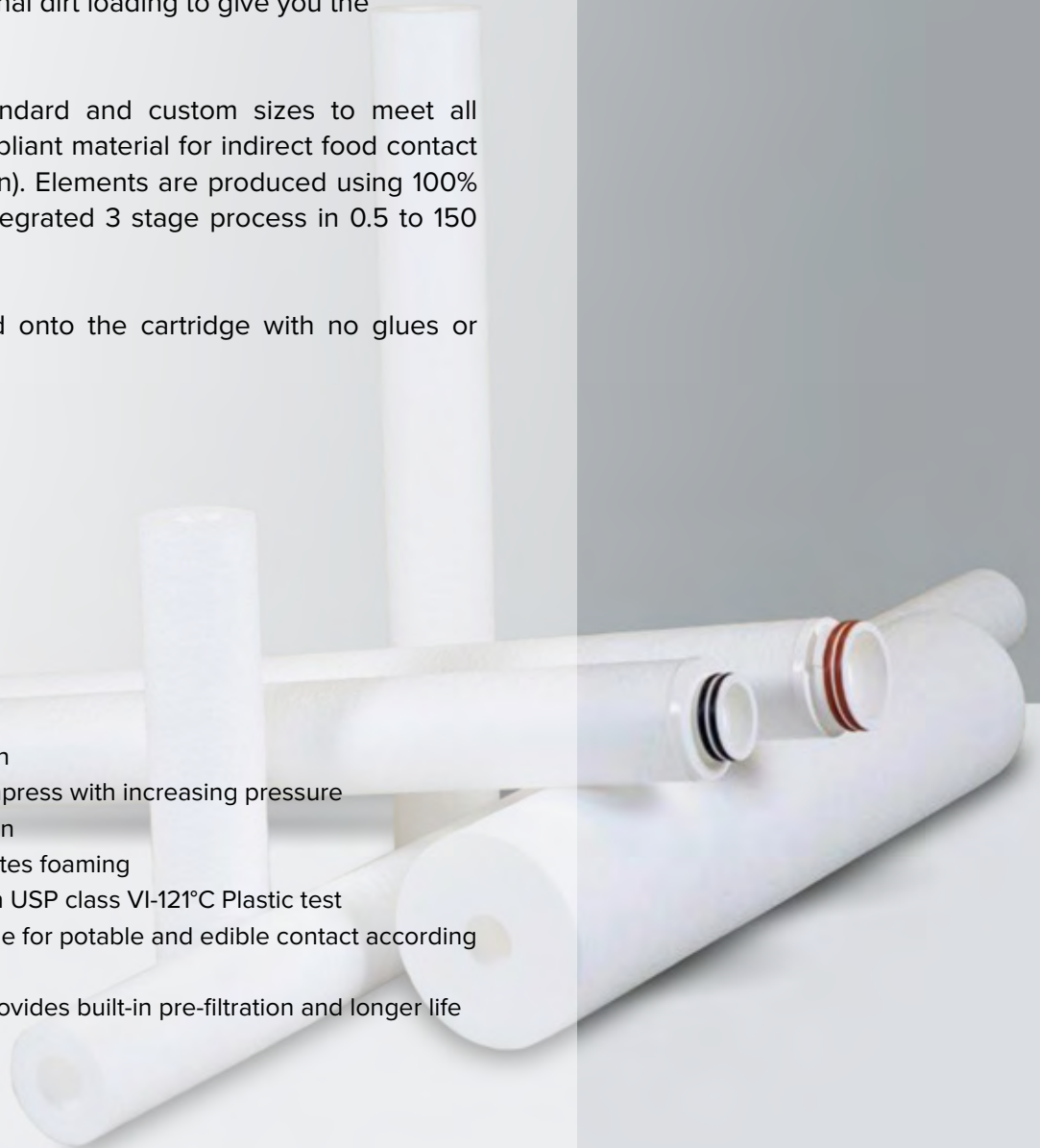
End caps are thermally welded onto the cartridge with no glues or additives.

Applications

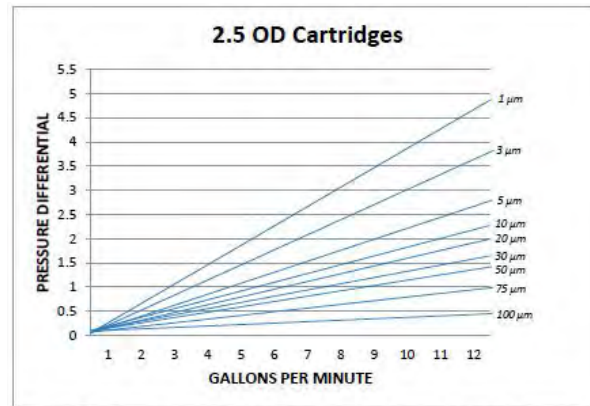
- DI Water
- RO Water Pre-Filtration
- Drinking Water Pre-Filtration
- Process Chemicals

Benefits

- Non-fiber releasing construction
- Construction that does not compress with increasing pressure
- Pure polypropylene construction
- Finish-free construction eliminates foaming
- All materials in accordance with USP class VI-121°C Plastic test
- All materials listed as acceptable for potable and edible contact according to CFR Title 21
- Graded density construction provides built-in pre-filtration and longer life



Specifications	
Micron Ratings	0.5, 1, 3, 5, 10, 20, 25, 30, 50, 75, 100 & 150 micron
Construction	Polypropylene
Optional Core & End Caps	Polypropylene
Maximum Operating Conditions	155°F for Polypropylene at 20 PSID without a core Recommended change point at 15 PSID.
Diameter	O.D. – 2.5” to 4.5” I.D. – 1” center
Nominal Lengths	9.75” to 50”



This chart exemplifies normal flow rate for a cartridge length of 10” with water at an ambient temperature as the test fluid. Cartridge length does not cause change in differential pressure, but increasing flow across the housing does.

Ordering Information

SP -
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Spun Poly Filter		Micron Rating 90% Nominal	Cartridge Diameter		Cartridge Length (Inches)		End Cap Configuration		Gasket/O-Ring	
Code	Description		Code	Description	Code	Description	Code	Description	Code	Description
SP	FDA Grade Polypropylene	0.5	S	Standard 1 in ID x 2-1/2 in OD	9.75	9-3/4	Blank	None ✓	Blank	None ✓
		1	BB	Large 1 in ID x 4-1/2 in OD**	9.8	9-7/8	DG	Double Open End with gaskets ✓	B	Buna ✓
		3	**4-1/2 in only available in DOE style in 10 and 20 inch lengths. Custom Lengths Available		10	10	2C	222 Open End/Flat Closed End ✓	E	EPDM
		5			19.5	19.5	2F	222 Open End/Fin Closed End ✓	N	Neoprene Foam
		10			20	20	2S	222 Open End/Poly Spring Closed End ✓	S	Silicone ✓
		20			29.25	29.25	6C	226 Open End/Flat Closed End	T	Teflon (222, 226 O-Ring Only)
		25			30	30	6F	226 Open End/Fin Closed End	V	Viton® ✓
		30			39	39	6S	226 Open End/Poly Spring Closed End	Viton® is a registered trademark of E.I. DuPont de Nemours & Co., Inc. ✓ Tested and certified to NSF/ANSI 61 Standard NSF/ANSI 42 Standard - Component	
		50			40	40	XP	Polypropylene Core Extender		
		75			50	50	OP	SOE/Polypropylene Spring ✓	Made in the USA	
		100			Call for Custom Length		XOP	Extended Core Open End/ Polypropylene Spring Closed End		
		150					✓ Tested and certified to NSF/ANSI 61 Standard NSF/ANSI 42 Standard - Component Call for Special Orders			