

OVERVIEW

- Melt-blown polypropylene depth cartridge designed to remove suspended particulate matter.
- Gradient design with three distinct layers that allow greater dirt holding capacity through the filter, reducing the need for frequent filter replacement.
- The inner layer is formed by a self-supporting polypropylene structure that does not require interior reinforcement.
- The polypropylene fuses together during the manufacturing process, negating the need for glues or binders.



APPLICATIONS

- Oil and gas
- Municipal water
- Chemical processing
- Pulp and paper
- Waste water treatment
- Food and beverage
- Potable water
- RO pre-filtration
- Cosmetic
- Agriculture

SPECIFICATIONS

Micron ratings (nominal)	1-150 μ m	
Dimensions (nominal)¹	Inner diameter	1.1 inches (28 mm)
	Outer diameter	2.5 inches (63.5 mm)
		5 inches (127 mm)
	Lengths	10-50 inches (254 mm-1270 mm)
Materials	Filtration media	polypropylene
	Fittings	polypropylene
	Gaskets & O-rings	Rubber, silicone, nitrile, EPDM, Viton, PTFE-coated
Operating conditions²	Maximum temperature	100°C
	Maximum differential pressure	250 kPa (2.5 bar)
Flow rate	25m ³ /hr/m ²	

¹ Custom dimensions can be ordered

² Maximum differential pressure is based on in-service applications prior to signs of filter deformation

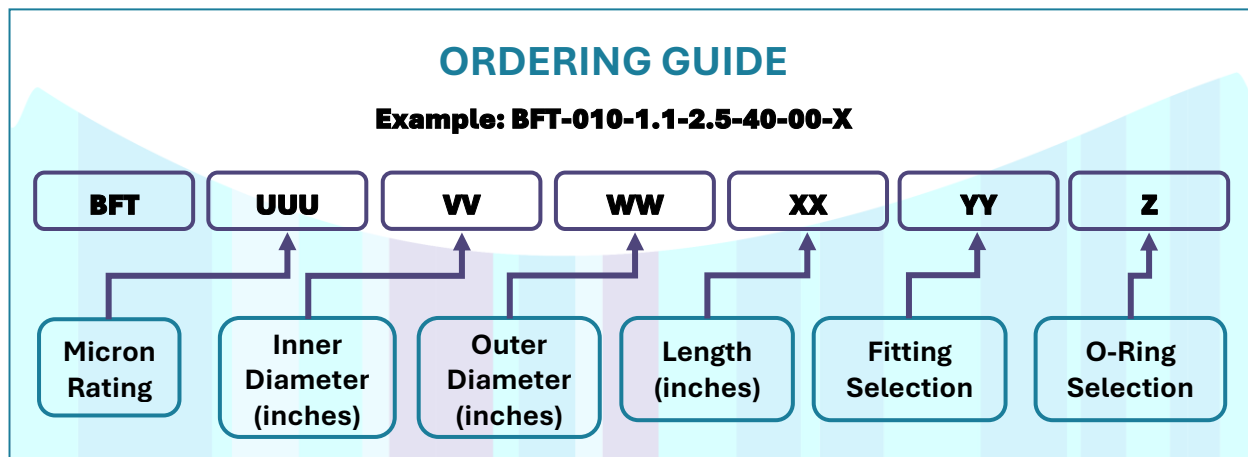


CERTIFICATIONS

- NSF 61 & 372 pending.

ORDERING INFORMATION

- Custom dimensions can be ordered.
- Refer to the ARLIT fitting catalogue (Appendix A) for fitting selection.
- Talk to our sales representative about special order fittings.



Micron Rating	Inner Diameter* (inches)	Outer Diameter (inches)	Length (inches)	Fitting		O-Ring*	
1	1.1	2.5	10	0	None	X	None
5		5	20	1	PP Spring	S	Silicone
10			30	2	0079B	N	Nitrile
20			40	3	0080	E	EPDM
50			50	4	33	V	Viton
100				5	44	P	PTFE Coated
				6	45		
				7	46		
				8	222-0080		
				9	1020		
				10	1040		
				11	1060		
				12	1075		
				13	RUBBER GASKET		
				14	130mm end cap		

*Under the gasket options, only the silicone gaskets will be covered by NSF 61 & 372.

