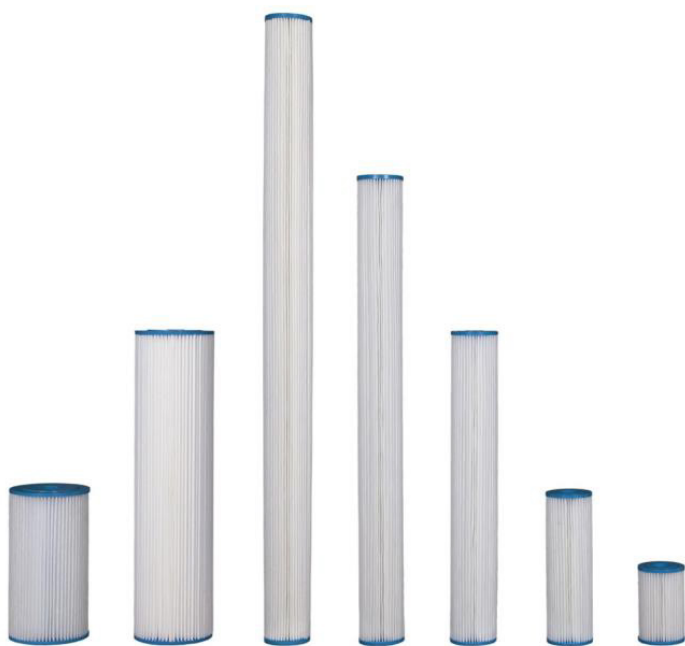


# N300 OPTION 1 CARTRIDGE FILTER

## TECHNICAL DATASHEET



### MATERIALS OF CONSTRUCTION

- Filter Media: Polyester
- End Cap: Vinyl Plastisol
- Core: Polypropylene

### CONSTRUCTION NOTES

1. Constructed from a single sheet of polyester media.
2. Cartridges are formed around a polypropylene core.
3. Secured by bonded vinyl plastisol end caps to ensure filter integrity.

### TECHNICAL DATA

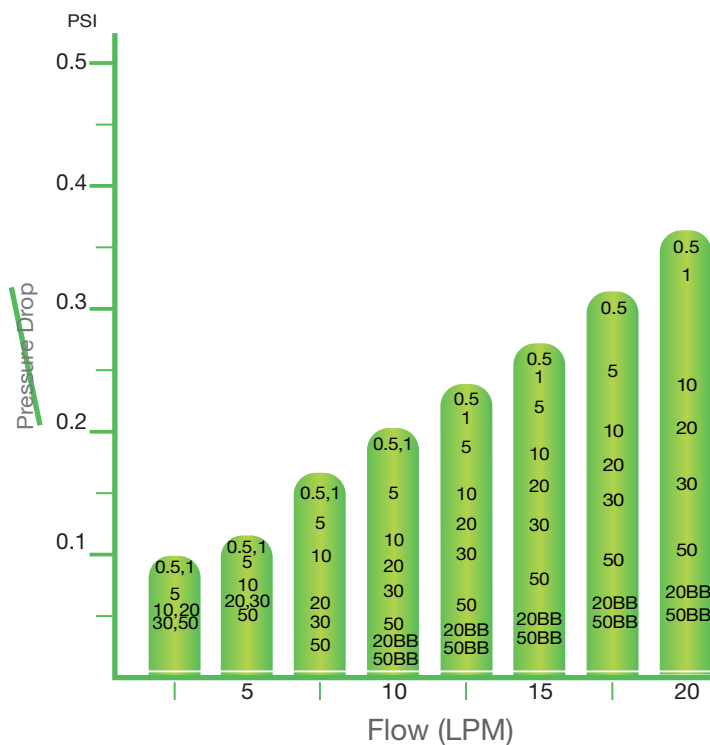
Micron Ratings (μ)	0.5, 1, 5, 10, 20, 30, 50	
Lengths (")	4 <sup>7</sup> / <sub>8</sub> , 9 <sup>3</sup> / <sub>4</sub> , 20, 30, 40	
Outer Diameter (")	Standard 2.5 (68mm)	Large (BB) 4.5 (114mm)
Inner Diameter (")	1.1 (28mm)	1.1 (28mm)
Surface Area (m <sup>2</sup> per 10")	0.35	1.21
Maximum Operating Temperature (°C)	38 at 1 bar	
Maximum Operating Pressure Differential (bar)	2	
Avg. Efficiency (%)	80	

### END CAP CONFIGURATIONS

Standard Filter Length (")	Total Filter Length (nominal mm)
4 <sup>7</sup> / <sub>8</sub>	125
9 <sup>3</sup> / <sub>4</sub>	248
20	508
30	762
40	1016

### FLOW RATE VS. PRESSURE DROP

Pressure drop data obtained using water at 20°C per 10" filter. Data represented using its micron rating in the chart below.



# FILTREX

SMART FILTRATION