



Vector[®] High Flow Series Cartridges

prelude.

COARSE LARGE VOLUME PARTICLE FILTRATION

- Large diameter (6") pleated cartridge
- Unique crescent shape pleat geometry to maximize filtration area and lower replacement frequency
- 1 element to handle up to 68 m³/h¹ leading to up to 50% smaller housings (lower investment)
- Inside to outside flow pattern to avoid downstream contamination at change-out. All debris stay within the filter
- Coreless, all plastic construction to minimize waste
- Handle equipped for easy replacement

¹ Depending on application



BENEFITS OF THE PALL[®] WATER ULTIPLAET[™] TECHNOLOGY

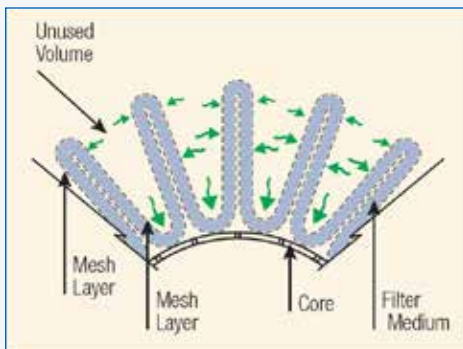


Figure 1: Conventional pleated filter element construction, showing non-uniform flow distribution in a traditional fan-pleat filter.

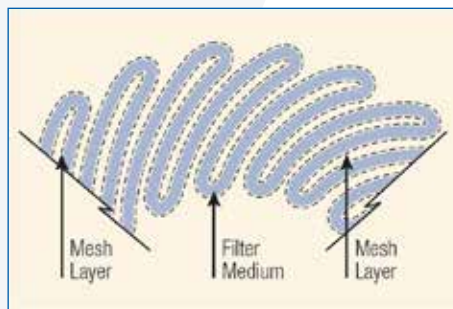


Figure 2: Ultipleat filter element construction, showing uniform flow distribution.

Larger filtration surface for the same cartridge size

Higher amount of solids retained

Less accumulation of debris at the bottom of the pleat

PERFORMANCE SPECIFICATIONS

Micron Ratings	1, 5, 10, 25, 50, 100 μm
Available Cartridge Lengths	20, 40, 60 inches
Outside Diameter	6.0 inches (152 mm)
Media Material	Pleated Felt Material

MATERIALS OF CONSTRUCTION

COMPONENT	MATERIAL
Filter Media	Polypropylene (PP)
Hardware	Polypropylene (PP)
O-Rings	EPDM, fluoropolymer elastomer, Buna N

TECHNICAL INFORMATION

Maximum Differential Pressure	5.2 bar (75 psi) @ 20°C (68°F)
	2.4 bar (35 psi) @ 74°C (165°F)
Operating Temperature	82°C (180°F) with typical polypropylene configuration

For fluids compatible with the filter element at the stated temperature

ORDERING INFORMATION

This information is a guide to the part number structure and the possible options. For availability of specific options and for housing details, please contact a Pall Water representative.

Filter Cartridge Part Number:



Table 1: Dimensions

CODE	LENGTH
20	20"
40	40"
60	60"

Table 2: Micron Rating

CODE	FILTER GRADE
001	1
005	5
010	10
025	25
050	50
100	100

Table 3: Sealing Material

CODE	DESCRIPTION
J	Nordel/EPDM O-ring
H	Fluoropolymer elastomer O-ring
HB	Buna N



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