



Introduction

The Vector bag filter upgrade filter cartridge employs Pall's unique "Laid Over Pleat" technology to offer extended service life to your process applications. Directly retrofittable into bag housings, the Vector filter is available in traditional Size 1, Size 2 and 40 inch options. Available with both polypropylene and polyester filter media, the Vector filter offers a versatile option for coarse applications that require greater dirt-holding capacity and chemical compatibility versus that typically seen with bag filters or bag filter upgrade cartridge options.

- Ideal for continuous flow applications where nominally-rated, coarse filtration is needed
- Greater chemical compatibility vs. conventional bag filters (polyester media option)
- Greater surface area with Pall's proprietary laid-over pleat geometry allows for more dirt-holding capacity
- Longer on stream life vs. competitive bag filter upgrades
- Manufactured under ISO 9001 quality system

Typical Applications

- Oil and Gas: frac water disposal, produced water, general disposal well protection
- Chemicals: epoxy resin, disposal wells, feed streams, industrial resins and coatings, agricultural chemicals, acids, alkali's, solvents, silicone solutions, disposal wells, water treatment, final product, tank car loading and unloading
- Pulp & Paper: shower press, spray nozzle protection
- Paint/Automotive: paint feedstocks, intermediates, final products

Performance Specifications

Filter grades

1, 5, 10, 25, 50, 100 μ m

Recommended change-out differential pressure¹

2.4 bard (35 psid)

Maximum differential pressure

5.2 bard (75 psid) @ 20°C (68°F)

2.4 bard (35 psid) @ 74°C (165°F)

Maximum operating temperature^{2,3}

80°C (176°F)

Vector™ Series Filter Cartridges

Retrofit filter for existing bag filter housings



Vector Series Filter Cartridges

Product Specifications

Materials of construction

Filter media: Polypropylene, polyester

Cage: Polypropylene

Support/drainage: Nylon

Flange options: Stainless steel, polypropylene

Flange gasket options: Fluorocarbon elastomer, nitrile, EPDM

Dimensions (nominal)

Outside Diameter: 158.8 mm (6.25 in)

Lengths: Size 1 cartridge, Size 2 cartridge, 40 inch cartridge (1016 mm)

¹ Provided that the maximum differential pressure is not exceeded based on temperature limits defined above.

² With compatible fluids.

³ Stainless steel flange is recommended for operating temperatures above 43°C (110°F)

Ordering Information

Pall Part Number = 1 V 2 - 3 4 5 - 6 7

Table 1

Code	Media
PE	Polyester
PO	Polypropylene

Table 2

Code	Filter grades (µm)
1	1
5	5
10	10
25	25
50	50
100	100

Table 3

Code	Cartridge lengths nominal
1	Size 1 cartridge
2	Size 2 cartridge
4	40 inch cartridge (1016 mm)

Table 4

Code	Hardware
U	Polypropylene

Table 5

Code	Sealing material
N	Nitrile
E	EPDM
V	Fluorocarbon elastomer

Table 6

Code	End configurations ⁴
PF	Plastic self-adjusting flange
SF	Stainless steel self-adjusting flange
NF	No flange (for use with reusable stainless steel flange)

Table 7

Code Flange/gasket style	Vessel
A	Pall Marksman Series vessels, Rosedale ⁵ , Strainrite, Krystil Klear ⁶
C	FSI Non-Polylock (Square Bore) FSPN Series vessels
F	FSI Polylock FSPN Series vessels
CB	FSI CBFP Series vessels ⁷

⁴ Stainless steel flange is recommended for operating temperatures above 43°C (110°F).

⁵ Rosedale is a registered trademark of Rosedale Products, Inc.

⁶ Krystil Klear is a registered trademark of Pentair Water Filtration.

⁷ Installation of Marksman cartridge with CB flange requires an additional housing hold down plate as follows:

Part Number	Description
ERA286666C	CBFP 11/12 Hold-Down Plate, Stainless Steel, 2" Inlet
ERA286667C	CBFP 11/12 Hold-Down Plate, Stainless Steel, 3" Inlet

Flange Part Numbers

PN	Description
T20095030	A style s/s slide flange
T20095031	B style s/s slide flange
T20095032	C style s/s slide flange
T20095036	CB style s/s slide flange
T20095035	F style s/s slide flange



Pall Corporation

Pall Industrial

25 Harbor Park Drive
Port Washington, NY 11050
+1 516 484 3600 telephone
+1 888 873 7255 toll free US

Portsmouth - UK
+44 (0)23 9233 8000 telephone
+44 (0)23 9233 8811 fax
industrialeu@pall.com



Better Lives.
Better Planet.

Visit us on the Web at www.pall.com

Pall Corporation has offices and plants throughout the world. For Pall representatives in your area, please go to www.pall.com/contact

Because of technological developments related to the products, systems, and/or services described herein, the data and procedures are subject to change without notice. Please consult your Pall representative or visit www.pall.com to verify that this information remains valid.

© Copyright 2017 Pall Corporation. Pall and  are trademarks of Pall Corporation. ® indicates a trademark registered in the USA. **Filtration. Separation. Solution.SM** and **BETTER LIVES. BETTER PLANET.** are service marks of Pall Corporation.