

## DECLARATION OF COMPLIANCE Emflon® PFRW Filter Cartridges AB Style “W” Code

### Cartridge Part Number

AB  PFR  W   
Table 1                      Table 2                      Table 3

This is a guide to the part numbering structure only. For specific options, please contact Pall.

**Table 1 : Nominal Length**

Code	Description
05*	127 mm (5")
1	254 mm (10")
2	508 mm (20")
3	762 mm (30")

\*Available in codes 2 and 7 only

**Table 2 : Adaptor**

Code	Description
2	SOE – single open end with flat closed end, 2 locking tabs and external 226 O-rings
3	SOE – single open end with flat closed end and external 222 O-rings
7	SOE – single open end with fin end, 2 locking tabs and external 226 O-rings
8	SOE – single open end with fin end and external 222 O-rings
28	SOE – single open end with fin end, 3 locking tabs and external 222 O-rings

**Table 3 : Seal material**

Code	Description
H4	Silicone elastomer
J	Ethylene propylene rubber

Emflon PFRW final air filters are designed for gas filtration in the food and beverage industry, fermenter inlet air and exhaust venting, sterile process air and sterile venting of tanks in food and beverage processing.

'Sterile air' is defined as that filtered using a 0.2 µm liquid rated filter (capable of removing 10<sup>7</sup> of *Brevundimonas diminuta* per cm<sup>2</sup> of effective filtration area, in laboratory tests). Please note this product is not supplied pre-sterilized.

The key feature of this product is the inclusion of two layers of hydrophobic, 0.2 µm microbial rated Emflon PTFE medium in a polypropylene hardware filter construction.

Issued                      1 May 2009  
 Revised                    28 February 2017  
 Expires                    28 February 2019  
 Reference                FBDCEMFPRWENi  
 Page                        1 of 3



Steven Bailey  
 Quality Manager  
 Pall Manufacturing (UK) Ltd., Ilfracombe

## Emflon PFRW Filter Cartridges (AB Style “W” Code)

### Components

Filter Media	Two layers of hydrophobic, Emflon PTFE media
Support / Drainage	Polypropylene
Side Seal	Polypropylene
Cage, Core, End Cap and Fin End	Polypropylene
Adaptor	Polypropylene (with integral stainless steel reinforcing ring as appropriate to design*)
O-ring Seal	Silicone Elastomer (H4) Ethylene Propylene Rubber (J)

\*For applications requiring autoclaving or steam sterilization, Pall recommends the use of Code 2 or Code 7 adaptors to ensure filter sealing after cooling. Cartridges should be cooled to system operating temperature prior to use.

### Declaration

Emflon PFRW AB style “W” Code filter cartridges comprise materials that meet regulatory and legislative requirements and guidelines for food contact in that:

#### Europe

The “W” Code Emflon PFRW AB style filter cartridges meet the requirements for food contact as detailed in European Regulation (EC) Number 1935/2004 in that:

- Our suppliers state that the polymeric materials used to produce these filters are made from monomers and additives consistent with Annex I of Commission Regulation (EU) Number 10/2011 and its amendments, relating to plastic materials and articles intended to come into contact with foodstuffs (excluding seals).
- These articles are intended for indirect food use in filtration of gases, therefore migration testing is not applicable.
- Note: This product contains calcium stearate, which is approved as a direct food additive.

#### USA

The materials of construction meet the FDA requirements for food contact use as detailed in Code of Federal Regulations, 21 CFR paragraphs 170-199 in that:

- PTFE to 21 CFR section 177.1550 (Perfluorocarbon resins)
- Polypropylene to 21 CFR section 177.1520 (Olefin polymers)
- Silicone Elastomeric seal material and Ethylene Propylene Rubber seal material to 21 CFR section 177.2600 (Rubber articles intended for repeated use, excluding milk and edible oils)

### Process Quality System

Site of Manufacture: Pall Manufacturing (UK) Ltd., Ilfracombe, UK on behalf of Pall International Sàrl,

The Quality Management System at Pall Manufacturing (UK) Ltd., Ilfracombe, is certified to ISO9001:2008.

These products / product packaging carry a lot number / date code to facilitate traceability to suppliers' materials and Pall production records.

### Supplied in Europe by

Pall International Sàrl  
Av. de Tivoli 3  
Fribourg  
Switzerland  
CH-1700

**Pall Food and Beverage**


New York - USA  
+1 516 484 3600 telephone  
+1 866 905 7255 toll free  
foodandbeverage@pall.com

Visit us on the web at [www.pall.com](http://www.pall.com)

---

Pall Corporation has offices throughout the world. For Pall representatives in your area, please go to [www.pall.com/contact](http://www.pall.com/contact).

Because of developments related to 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](http://www.pall.com) to verify that this information remains valid.

© Copyright 2017, Pall Corporation. Pall,  and Emflon are trademarks of Pall Corporation. © indicates a trademark registered in the USA. Filtration.Separation.Solution is a service mark of Pall Corporation.

FBDCEMFPRWENi

February 2017