

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

### Cartridge Part Number

FA   RPF W  12  
Table 1      Table 2                      Table 3

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

**Table 1 : Adaptor**

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

\*AB05 cartridges only

**Table 2 : Nominal Length**

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

\*Available in Code 2 only

**Table 3 : Seal Material**

Code	Description
H4	Silicone elastomer
J	Ethylene propylene rubber

Emflon PFW 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 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 Pall proprietary, 0.2 µm microbial rated Emflon PTFE medium in a polypropylene hardware filter construction.

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## Emflon PFW Filter Cartridges (“W” Code)

### Components

Filter Media	Two layers of Emflon hydrophobic PTFE media
Support / Drainage	Polypropylene
Side Seal	Polypropylene
Cage, Core, End Cap and Fin End	Polypropylene
Adaptor	Polypropylene (with internal 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 PFW 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 PFW 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 ISO 9001:2008. These products / product packaging carry a lot number / date code to facilitate traceability to suppliers’ materials and Pall production records.

### Supplied in Europe by

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