

DECLARATION OF COMPLIANCE

Poly-Fine® II Filter Cartridges

“W” Code

Cartridge Part Number

PFT U W 480

Table 1 Table 2 Table 3 Table 4

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

Table 1 : Removal Rating

Code	Description
025	0.25 µm
045	0.45 µm
08	0.8 µm
2	2 µm
3	3 µm
5	5 µm
10	10 µm
30	30 µm

Table 2 : Nominal Length

Code	Description
DOE Style Only	
975	248 mm (9.75")
10	254 mm (10")
195	495 mm (19.5")
20	508 mm (20")
2925	743 mm (29.25")
295	749 mm (29.5")
30	762 mm (30")
39	991 mm (39")
40	1016 mm (40")
SOE Style Only¹	
10	254 mm (10")
20	508 mm (20")
30	762 mm (30")
40	1016 mm (40")

¹Please contact Pall for specific SI option length dimensions

Table 4 : Adaptor

Code	Description
Blank	DOE - double open end with end caps and gaskets
M3	SOE - single open end with flat closed end and external 222 O-rings
M4	SOE - single open end with fin end, 3 locking tabs, and external 222 O-rings
M7	SOE - single open end with fin end, 2 locking tabs, and external 226 O-rings
M8	SOE - single open end with fin end and external 222 O-rings
SI	SOE - single open end (end cap with gasket) and stainless steel spring/polypropylene cap on closed end

³ SI option includes stainless steel spring

Table 3 : O-ring/Gasket Seal Material

Code	Description
S	Silicone Elastomer ²
E**	Ethylene Propylene Rubber

²For M3, M4, M7 and M8 options only

**Not suitable for use in fatty foods

Poly-Fine II pleated filter cartridges are manufactured of all polypropylene materials³. They are intended for particle removal in general food and beverage application use. In addition, selected grades are used for particle removal in air/gas pre-filtration.

An initial flush is recommended prior to use.

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Poly-Fine II Filter Cartridges (“W” Code)

Components

Filter Media	Polypropylene
Core, Cage, Support, Drainage	Polypropylene
End Cap and Fin End	Polypropylene
Adaptor	Polypropylene
O-ring Seal	Silicone Elastomer (S) or Ethylene Propylene Rubber (E)
Gasket Seal	Ethylene Propylene Rubber (E)
Spring	Stainless Steel (SI Option only)

Declaration

Poly-Fine II series “W” Code filter cartridges comprise materials that meet regulatory and legislative requirements and guidelines for food contact in that:

Europe

The “W” Code Poly-Fine II series 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 of construction 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).

Migration testing has been performed, and met migration criteria after flushing and in flow conditions in:

Simulant B (3% acetic acid) 2 hours at reflux,
Simulant D1 (50% ethanol) 2 hours at reflux,
Simulant D2 (Sunflower oil) 48 hours at 40 °C,

And water up to 70 °C (158 °F).

Note: This product contains materials that are subject to Specific Migration Limit (SML) requirements.
This product contains calcium stearate, which is approved as a direct food additive.

French requirements for food contact elastomers (Arrêté of 9th November 1994 amended by order of 5th August 2020)
Typical samples of the ‘S’ (Silicone) and ‘E’ (EPDM) seal material formulations have been tested as BS3601-226 size seals for overall migration. Testing was conducted in distilled water, 3 % acetic acid, 20 % ethanol, 50 % ethanol, and 95 % ethanol under reflux conditions for 4 hours - repeat use. The data obtained with the ‘S’ o-rings, under the test conditions, were well within the limit for all migration fluids tested. The data obtained with the ‘E’ o-rings, under the test conditions, were well within the limit for distilled water, 3 % acetic acid, 20 % ethanol and 50 % ethanol. The ‘E’ orings are not suitable for use in fatty foods.

German requirements for food contact elastomers (BfR XV Silicones)

Typical samples of the ‘S’ (Silicone) seal material formulation have been tested as BS3601-226 size seals for overall migration. Testing was conducted in distilled water, 3 % acetic acid, 10 % ethanol, and 95 % ethanol under reflux conditions for 4 hours - repeat use. The data obtained with the ‘S’ o-rings, under the test conditions, were well within the limit for all migration fluids tested.

German requirements for food contact elastomers (BfR XXI Natural and Synthetic Rubber Category 1)

Typical samples of the ‘E’ (EPDM) seal material formulation have been tested as BS3601-226 size seals for overall migration. Testing was conducted in distilled water, 3 % acetic acid, 10 % ethanol, and 95 % ethanol under reflux conditions for 4 hours - repeat use. The data obtained with the ‘E’ o-rings, under the test conditions, were well within the limit for distilled water, 3 % acetic acid and 10 % ethanol. The ‘E’ orings are not suitable for use in high alcohol or fatty foods. Additionally, our supplier states that this O-ring seal formulation is suitable for food contact use under BfR XXI category 4.

Users should satisfy themselves that these materials are suitable for use in their specific food application.

Mercosur

Poly-Fine II filter cartridges meet the requirements of food contact as detailed in Reglamento Técnico Mercosur sobre materiales celulósicos para cocción y filtración en caliente, Mercosur/GMC/Res. No. 41/15.

USA

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

- Polypropylene to 21 CFR section 177.1520 (Olefin polymers)
- Ethylene Propylene Rubber seal materials to 21 CFR section 177.2600 (Rubber articles intended for repeated use with aqueous foods, excluding fatty foods (e.g. milk and edible oils)) based on confirmatory testing as detailed in section (e).
- Silicone Elastomer seal materials to 21 CFR section 177.2600 (Rubber articles intended for repeated use, with aqueous and fatty foods (e.g. milk and edible oils)) based on confirmatory testing as detailed in sections (e, f).

Process Quality System

Site of Manufacture: Pall Timonium, USA

The Quality Management System at Pall Timonium is certified to ISO 9001:2015.

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

Pall Timonium confirm that this product is manufactured in line with the principles of food contact materials GMP as detailed in Regulation 2023/2006.

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