

DECLARATION OF COMPLIANCE

Profile® Star Filter Cartridges

MCY Junior Style “W” Code

Cartridge Part Numbers

MCY   WH4

Table 1 Table 2

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

Table 1 : Nominal Length

Code	Length	Description
4440*	105 mm (4.1")	Plug seal adaptor with locating fin and double external O-ring seals
4463	136 mm (5.3")	Single 116 O-ring and internal plug seal

*Available in A010 grade only

Table 2 : Removal Rating

Code	Description
A010	1 µm
A030	3 µm
A100	10 µm

Profile Star Junior style pleated depth filter cartridges are manufactured using all polypropylene materials. They are designed for particle and gel removal in general food and beverage applications (aqueous, low alcohol beverages, fatty food or oil) and air/gas particle removal in food and beverage applications.

An initial flush is recommended prior to use in liquids.

Issued 7 June 2022
 Revised 24 April 2025
 Expires 28 February 2027
 Reference FBDCPROFSTJEND
 Page 1 of 3



Syed Sirajuddin
 Pall Sàrl and MEA QARA Manager

Profile Star Filter Cartridges (“W” Code)

Components

Filter Media pack	Polypropylene
Cage, Core, End Cap and Fin End	Polypropylene
Adaptor	Polypropylene with a stainless steel reinforcing ring as appropriate to design
O-ring Seal	Silicone Elastomer (H4)

Declaration

Profile Star “W” Code filter cartridges are comprised of materials that meet regulatory and legislative requirements and guidelines for food contact in that:

Europe

The “W” Code Profile Star 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 “W” Code AB style Profile Star products are made from monomers and additives consistent with Annex I and II 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).

OML and SML migration testing of the filters and components of the Profile Star filters has been performed, and met migration criteria after flushing and in flow conditions in:

- Simulant B (3% acetic acid) for 2 hours at reflux
- Simulant D1 (65% ethanol) for 2 hours at reflux
- Simulant D2 (sunflower oil) for 2 hours at 40 °C (104 °F)
- Distilled water for 2 hours at 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 ‘H4’ (Silicone) seal material formulation 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 ‘H4’ O-rings, under the test conditions, were well within the limit for all migration fluids tested.

German requirements for food contact elastomers (BfR XV Silicones) Typical samples of the ‘H4’ (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 ‘H4’ O-rings, under the test conditions, were well within the limit for all migration fluids tested.

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

Mercosur

The materials of construction meet the requirements for food contact as detailed in Reglamento Técnico Mercosur sobre materiales lista positiva de

- monómeros, otras sustancias de partida y polímeros autorizado para la elaboración de envases y equipamientos plásticos in contacto con alimentos, Mercosur/GMC/Res. No. 19/21 y
- aditivos para materiales plásticos destinados a la elaboración de envases y equipamientos in contacto con alimentos, Mercosur/GMC/Res. No 56/92.

People's Republic of China

The "W" Code Profile Star MCY Junior filter cartridges meet requirements for food contact materials as detailed in GB 4806.1-2016. These filters meet the requirements detailed in Chinese standard Numbers GB 46806.7-2023 and GB 4806.11-2016. OML and SML migration testing of cartridges (excluding seals) has been performed and met migration criteria after flushing and in flow meeting the requirements for use..

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:

- Polypropylene to 21 CFR section 177.1520 (Olefin polymers)
- Silicone Elastomeric seal materials to 21 CFR section 177.2600 (Rubber articles intended for repeated use, excluding milk and edible oils)

Process Quality System

Manufactured in the UK and supplied by Pall Sàrl. Made in UK.

The Quality Management System at the manufacturing site 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 Sàrl confirms that the product is manufactured in line with the principles of food contact materials GMP as detailed in Regulation 2023/2006.

Supplied in Europe by

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



+1-866-905-7255 **Food and Beverage toll free**
foodandbeverage@pall.com

Corporate Headquarters

Port Washington, NY, USA
+1-800-717-7255 toll free (USA)
+1-516-484-5400 phone

European Headquarters

Fribourg, Switzerland
+41 (0)26 350 53 00 phone

Asia-Pacific Headquarters


Singapore
+65 6389 6500 phone

Visit us on the Web at www.pall.com/foodandbev

Pall Corporation has offices and plants throughout the world. To locate the Pall office or distributor nearest you, visit www.pall.com/contact.

The information provided in this literature was reviewed for accuracy at the time of publication. Product data may be subject to change without notice. For current information consult your local Pall distributor or contact Pall directly.

IF APPLICABLE Please contact Pall Corporation to verify that the product conforms to your national legislation and/or regional regulatory requirements for water and food contact use..

© Copyright 2025, Pall Corporation. Pall,  and Profile are trademarks of Pall Corporation. ® Indicates a trademark registered in the USA.

FBDCPROFSTJEND
APRIL 2025