



STATEMENT OF COMPLIANCE: ISO 12500-3:2009 Emflon® PFRW Filter Cartridges MCY Junior Style “W” Code

Cartridge Part Number



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

Table 1 : Nominal Length

Code	Length	Description
1110	32 mm (1.3")	Plug seal adaptor with locating fin and double external O-ring seals
2230	76 mm (3.0")	Single 116 O-ring and internal plug seal
3330	82 mm (3.2")	Plug seal adaptor with locating fin and double O-ring seals
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

Table 2 : 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 10⁷ of *Brevundimonas diminuta* per cm² 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.

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Emflon PFRW Filter Cartridges (Junior 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 (The 2230 and 4463 style adaptors have an integral stainless steel reinforcing ring.)
O-ring Seal	Silicone Elastomer (H4) Ethylene Propylene Rubber (J)

Declaration

Emflon PFRW filters meet the requirements of ISO12500-3:2009 in that:

Emflon PFRW filter cartridges (tested as part number: AB1PFR7WH4) have demonstrated applicable performance capability in laboratory tests as described in report LrF 03b/12 appended. These studies were conducted on randomly sampled product made with the same Pall proprietary hydrophobic PTFE filter membrane, polypropylene support /drainage material and polypropylene hardware; and using the same manufacturing techniques.

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