



STATEMENT OF COMPLIANCE: ISO 12500-3:2009 Emflon® HTPFR Filter Cartridges AB Style "W" Code

Cartridge Part Number

AB HTPFR 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 code 2 only

Table 2 : Adaptor

| Code | Description |
|------|--|
| 2* | SOE – single open end with flat 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 |

*Available in 5" only

Table 3 : Seal Material

| Code | Description |
|------|---------------------------|
| H4 | Silicone elastomer |
| J | Ethylene propylene rubber |

Emflon HTPFRW final air filters are designed for critical, high temperature sterile filtration of compressed air and gas and sterile hot fluid tank venting applications in the food and beverage industry. They can also be considered for use in oxygen-enriched air applications.

'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 features of this product are the inclusion of two layers of hydrophobic, 0.2 µm microbial rated Emflon PTFE medium, polyphenylene sulfide support and drainage layers, and oxidation-resistant polypropylene hardware for resistance to highly oxidizing conditions.

| | |
|---------|------------------|
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Emflon HTPFR Filter Cartridges (AB Style "W" Code)

Components

| | |
|---------------------------|--|
| Filter Media | Two layers of hydrophobic Emflon PTFE media |
| Support / Drainage | Polyphenylene sulfide |
| Side Seal | Polypropylene |
| Cage | Polypropylene with silica/TiO ₂ filler |
| 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 sealing after cooling. Cartridges should be cooled to system operating temperature prior to use.

Declaration

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

Emflon HTPFR filter cartridges (tested as part number: AB1HTPFR7WH4) 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, polyphenylene sulfide support /drainage material and polypropylene hardware; and using the same manufacturing techniques.

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