

HFGF-GR Mono-cartridges

The HFGF-GR monocartridges are used for the clarification and particle separation of reactor pool water during decommissioning operations of a nuclear power plant. They are available in 3 lengths (20", 30" and 40") and cover a range from 1 to 25 µm. They comply with the AFNOR protocol NFX45300 series and a certificate of conformity is issued for each batch.



Typical Applications

- Decommissioning

Construction Materials

Filtration Media.....Micro glass fiber
Support mediaPolyester
Structures.....316L stainless steel
Media assemblyEpoxy bi-component

Dimensions

Length20"=508mm +/- 2mm
 30"=758mm +/- 2mm
 40"=990mm +/- 2mm
Outside Diameter.....151mm/+/-0.5mm
Inside Diameter.....75mm +/-1.5mm
Filtration area.....20"=3.3m²
 30"=4.9m²
 40"=6.4m²

Operating Conditions

Filtration flow	Internal to external
Reverse filtration	no
Bubble point according to NFX45301	16/24hPa
Filtration efficiency according to NFX4530	99.8%
Max. recommended ΔP according to NFX4530	2.5bar
Max. operating ΔP (accidental conditions)	6000hPa (6.0bar)
Max. recommended temperature	100°C
Max. operating temperature (accidental conditions) according to NFX45308	120°C

Ordering Information

Type	Media	-	Rating (µm)	-	Length	-	Flange
HF	GF = Microglass		01 = 1 micron		20SS = 508mm		GR = Standard
			05 = 5 micron		30SS = 758mm		
			25 = 25 micron		40SS = 990mm		

DISCLAIMER: Filtration data presented is representative of performance observed in controlled laboratory testing. It is not given as a warranty, specification or statement of fitness for use. Specific performance can vary widely depending on contaminant type, fluid properties, flow rates and environmental conditions. It is recommended that users conduct thorough qualification testing to assure the product functions as required.

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