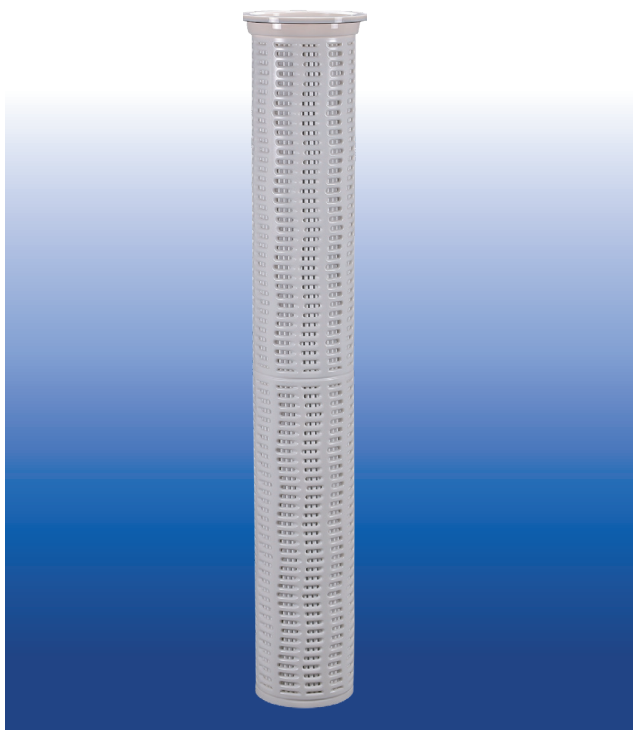


THF Series High-Flow Polyester Pleated Filter Cartridges



THF Series Filter Cartridges feature all-polyester construction with high-efficiency retention performance. Superior chemical tolerance versus polypropylene for benzene, methylbenzene, and aromatic hydrocarbon solvents. Superior temperature tolerance versus polypropylene, allowing use in up to 120°C for periods. Thermally-bonded construction assures integrity and low degree of extractable substances.

Features

- Substantial effective filtration area allows for long operating service life.
- 100% polyester construction provides chemical compatibility where polypropylene isn't suited.
- Media composition is structured for ratings of 0.5 to 5microns.
- Optional micro-glass media options provide enhanced retention efficiency.

Dimensions

OD	152mm (6")
Length	1026mm (40"), 1524mm(60"), 1540mm (60"L)
Filtration Area	3.35m ² /40" 5 m ² /60"

Materials of Construction

Media	GF, PBT
Support Layers	Polyester
Cage/Core/End Caps	Polyester
Seal Material Options	EPDM, FKM

Operating Limits

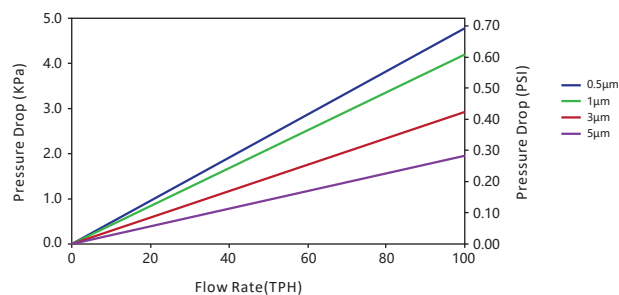
Max. Temperature	120° C (248° F)
Max. dP (forward)	4 bar (60 psi) @ 20°C (68°F)
Recommended Change-Out dP	2.4 bar (35 psi) @ 80°C (176°F)

Applications

- Filtration of benzene and methylbenzene.
- Filtration of aromatic hydrocarbon solvents.

THF GF-Series Flow Rate vs Pressure Drop

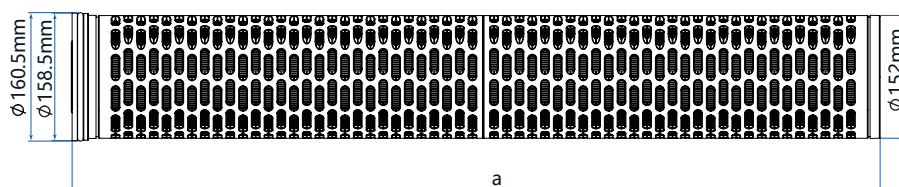
Per 40" cartridge length. With water at 25° C.



Quality Assurance

- Filter cartridges are manufactured in a production facility using Good Manufacturing Practices under an ISO9001:2015 registered Quality Management System.
- Full materials traceability is documented for all finished lots.

Dimensions



	a
40"	1026.0±2
60"	1524.0±3
	1540.0±3

Ordering Information

THF	GF0050	40	E
Media Structure		Length	Seal Material
GF	PBT	40 = 1026mm	E = EPDM
GF0050 = 0.5µm	PBT0050 = 0.5µm	60 = 1524mm	V = FKM
GF0100 = 1µm	PBT0100 = 1µm	60L = 1540mm	
GF0300 = 3µm	PBT0300 = 3µm		
GF0500 = 5µm	PBT0500 = 5µm		

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.

