

Hall Pyke



Membrane Filtration

APTF

The SMART choice for filtration



APTF-T® /APTFI-T® Filter Cartridges

All Fluoropolymer Constructed

COBETTER APTF-T® Filter Cartridges are composed of an expanded hydrophobic PTFE membrane, ECTFE support and PVDF cage and core making it suitable to use in strong acid and solvent filtration.

APTFI-T® Filter Cartridges are composed of a hydrophilic PTFE membrane which is specially designed for aggressive water-based filtration conditions.

Features and Benefits

- 100% all Fluoropolymer construction
- Absolute rated in all ratings except 0.22µm; 0.22µm rating's retention efficiency is up to 99.99999%
- High filtration performance including high flow rates and low pressure drops
- Available in both hydrophobic and hydrophilic PTFE media

Quality Standards

- Each filter is individually Integrity Tested prior to leaving the factory
- Each filter is Fully Traceable with a unique serial number
- Designed, developed and manufactured in compliance with ISO9001
- Full Regulatory Compliance with the following:
 - 21CFR.210.3(b)(5)(6), 211.72 for Non-Fiber Release
 - Endotoxins: <0.25EU/ml/10inch filter
 - USP <88> Plastic Class VI-121°C
 - FDA 21 CFR177-182 & EU 1935/2004/EC

Typical Applications

- Strong Acid Filtration
- Aggressive Solvents Filtration



Sterile Filtration

Bio-burden Reduction

Pre-Filtration

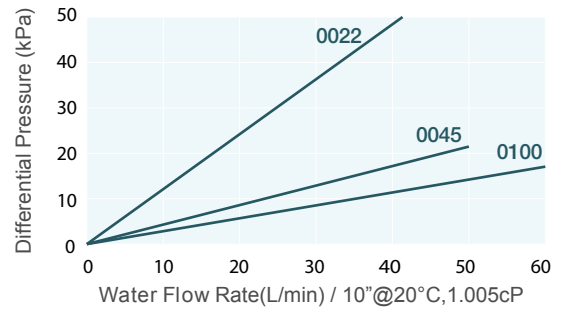
All-Fluorine Filters

Capsule Filters

Materials of Construction

Filter Media	APTF-T/APTF: Expanded Hydrophobic PTFE Membrane APTFI-T/APTFI: Expanded Hydrophilic PTFE Membrane
Support	ECTFE
Cage/Core/End Caps	PVDF
O-ring	PTFE/PTFE Encapsulated Viton

Flow Rate Characteristics



Operating Conditions

Max. Continuous Operating Temperature	96°C
Max. Differential Pressure	5.0 bar / 21°C (forward) 3.0 bar / 80°C (forward)
Integrity Test Standards: APTF-T, 0.22µm	BP: ≥ 0.1MPa (60%/40%, IPA/Water) DF: ≤ 28ml/min/10" @ 80Kpa (60%/40%, IPA/Water) WIT: 0.53ml/min/10" @ 0/25MPa
Integrity Test Standards: APTFI-T, 0.22µm	BP: ≥ 0.32MPa (Water) BP: ≥ 0.1MPa (60%/40%, IPA/Water) DF: ≤ 28ml/min/10" @ 80Kpa (60%/40%, IPA/Water)
Effective Filtration Area	0.96m ² / Φ 68-10 inch

* Not Recommended for Inline Steam Sterilization and Autoclaving

Ordering Information

APTF-T APTFI-T	Removal Ratings	End Cap	Nominal Length	Seal Material	-P
	0022 = 0.22µm 0045 = 0.45µm 0300 = 3.0µm 0500 = 5.0µm	SF=226 /Fin SC=226 /Flat DTF=D222 /Fin DTC=D222 /Flat DOE=Double Open End	05= 5" 10=10" 20=20" 30=30" 40=40"	K=PTFE P=PTFE Encapsulated Viton	

Hall Pyke



www.hallpyke.ie

Head Office, 3A Sunbury Industrial Estate, Ballymount Road, Walkinstown, Dublin 12.
T. +353-1-4501411 F. +353-1-4507960 E. info@hallpyke.ie W. www.hallpyke.ie