

TekfilTM A

Tekfil[™] A

Absolute Rated Polypropylene Depth Cartridge Filters



Tekfil[™] A is a high flow, graded depth filter with high contaminant capacity for long life. Constructed from FDA approved polypropylene with excellent performance characteristics, it is an economic choice for a wide range of applications.

TekfilTM A is available in a range of industrial standard lengths and is also available in Nylon construction for solvent filtration.

Product Code: 1 2 3 4 5

Ordering Information

Typical Applications

- Food and beverage
- Fine chemicals and solvents
- Coatings
- Photographic chemicals
- Metal finishing electroplating
- Water treatment prior to reverse osmosis
- Cosmetics product filling

1: Pre-Filter		2: Pore rating		3: Version		4: Length (Nominal)		5: End Fitting		6: Seals	
ΓA	Tekfil™	P5	0.5µm	S	Standard	(NC	-	А	Code 3	А	Ethylene
ΤΑΥ	Tekfil™	01	1µm			1	10'' (254mm)	В	Code 7		Propylene
	Nylon	03	3µm				20"	С	Code 8	В	Silicone
		05	5µm			2	20" (508mm)	G	G DOE (short)	С	Viton [®]
		10	10µm		3	30"			D	Nitrile	
		25	25µm				(762mm)	М	DOE	E	FEP Encap
		50	50µm			4	40"				Viton®
		75	75µm			(1016mm)			G	FEP Encap	
		100	100µm								Silicone
										J	DOE PTFE
										L	Polyethyle
											foam gasl

84

Features and Benefits

• Graded depth media

The graded structure of the media provides prefiltration of the process fluid prior to the absolute rated final layer. This combination provides economy of use and a smaller process footprint.

- High degree of chemical compatibility Constructed entirely of polypropylene and/or nylon.
- Absolute removal ratings TekfilTM A cartridges are validated using recognised industry standard test methods.
- Suitable for steam and hot water sanitisation TekfilTM A cartridges are resistant to repeat steam sterilisation and hot water cycles.

Specifications

Materials of Manufacture

Filter media:
End fittings:
Seals (if specified):

Polypropylene/nylon Polypropylene/nylon Silicon or EPDM

Cartridge Dimensions

Diameter: 63mm (2.5") Length: 254mm (10") 508mm (20") 762mm (30") 1016mm (40")

Gaskets and O-Rings

Ethylene Propylene, FEP encapsulated, Silicone, Viton®, Nitrile or Polypropylene felt available for non crush-fit end adaptors.

Maximum Differential Pressure

Normal flow direction at:	
20°C (68°F):	3.5 bar (50psi)
60°C (140°F):	1.0 bar (15psi)
80°C (176°F):	0.5 bar (7psi)

Operating Temperature

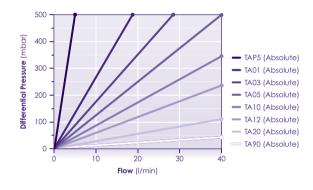
Maximum continuous:

Extractables

Minimum total extractables.

Clean Water Flow Rates

- Typical clean water flow rate: A 254mm (10") Tekfil[™] single cartridge exhibits the flow-**∆**P characteristics indicated below, for solutions with a viscosity of 1 centipoise.
- Other solutions:
 For solutions with a viscosity of greater than
 1 centipoise, multiply the indicated differential pressure by the viscosity in centipoise.



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85