

# Hall Pyke



**Depth Pre Filtration**

**Tekfil™**

**The SMART choice for filtration**

## Tekfil™

### Polypropylene Depth Cartridge Filters

Tekfil™ 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. Tekfil™ is available in a range of industrial standard lengths as either absolute or nominal rated cartridges. Also available in Nylon construction for solvent filtration.

### Materials of Manufacture

Filter media: Polypropylene/nylon  
End fittings: Polypropylene

### Gaskets and O-Rings

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

### 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: 80°C (176°F)

### Clean Water Flow Rates

- Typical clean water flow rate:  
A 254mm (10") Tekfil™ single cartridge exhibits the flow-ΔP characteristics indicated below, for solutions with a viscosity of 1 centipoise.



### Product Attributes

RR	1 to 75µ absolute Beta 5000 (nominal)
MT	80 °C
MoC	Polypropylene
MDP	1.72 bar
Brand	Porvair
Q	FDA compliant to 21CFR177-1520 & EC directive: 90/128/EEC (1990)

### Features

## Tekfil™ continued...

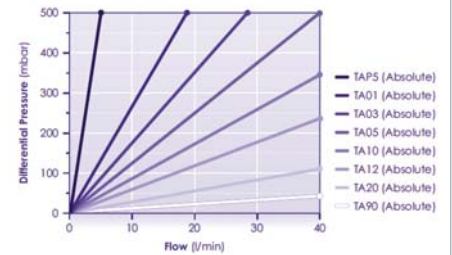
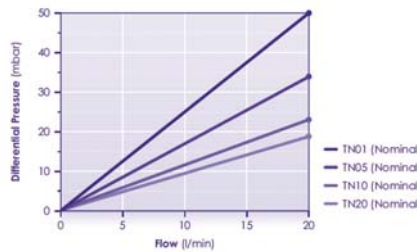
### Applications

- Food and beverage  
Process water, polishing lines and clarification.
- Pharmaceuticals
- Fine chemicals and solvents
- Coatings  
Coating lines, solvents, inks and dyes.
- Photographic chemicals
- Metal finishing electroplating
- Water treatment prior to reverse osmosis  
Resin traps and potable water.
- Cosmetics product filling

### Flow Characteristics

#### Clean Water Flow Rates

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## for Integrity Testing

# Hall Pyke



[www.hallpyke.ie](http://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](mailto:info@hallpyke.ie) W. [www.hallpyke.ie](http://www.hallpyke.ie)