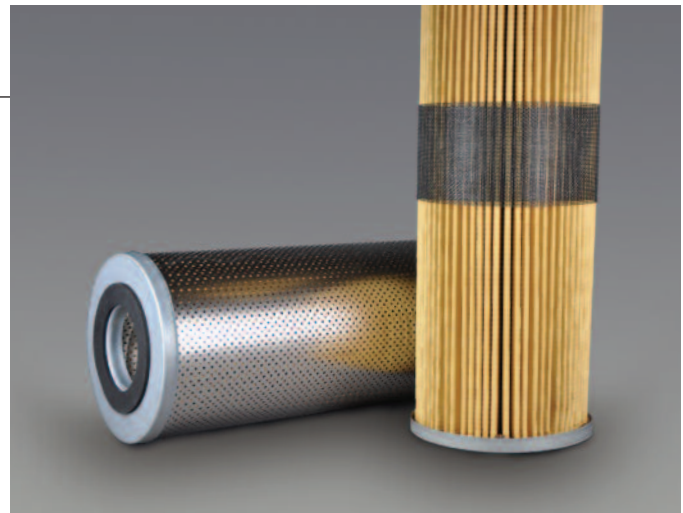


# WaterSorb™

## Water Absorbing Elements

### Double Duty for Twice the Protection

WaterSorb elements filter particulates and absorb water from petroleum based fluids. As fluid flows through the element, particulate is removed by pleated cellulose filter media and water is absorbed by a hydrophilic media. As water is absorbed the hydrophilic layer expands and flow decreases. Under water slug conditions, the media swells and shuts down flow indicating the element is ready to be changed. Absorbing highly emulsified water to levels below 15 ppm WaterSorb ensures a clean, dry product from start-up to shut-down.



### THE BOTTOM LINE

- **Extended Service Life**  
WaterSorb elements contain more water absorbing media than the competitors' and last longer between change-outs. Save money on labor and element costs.
- **Vessel Modifications not Necessary**  
WaterSorb elements easily install in most commercial filter vessels without modifications.
- **The Choice is Yours**  
PECOFacet is an industry leader in fluid filtration products. Don't get locked into a single source. Adding PECOFacet to the supplier list for all your filtration needs will ensure your access to the best products at competitive prices. WaterSorb elements are made with quality materials in an ISO certified manufacturing environment. Performance and structural integrity are backed by a no-nonsense factory warranty. Send us the manufacturer model number and we'll do the rest

### APPLICATIONS

Used primarily for removing water from hydrocarbon based fluids such as:

- **Hydraulic Oils**
- **Insulating Oils**
- **Lube Oil**
- **Fuels**

## SPECIFICATIONS

### MATERIALS

- **MEDIA** resin impregnated cellulose with water absorbing media
- **CORE** steel (galvanized or tin plated)
- **END CAPS** steel (galvanized or tin plated)
- **GASKETS** buna-n
- **OPTIONS** steel outer cover; gasket materials

### OPERATING DATA

Max. Temp. [F]	Max. D.P. <sup>1</sup> [psid]
225	75

- **Recommended change-out D.P. is 15 psid.**
- **Normal flow direction is outside to inside.**

### NOMINAL DIMENSIONS

Model	O.D. [in.]	I.D. [in.]	Length [in.]
FIWA-210	2.625	1.0625	9.875
FIWA-229	2.625	1.0625	29.25
FIWA-230	2.625	1.0625	29.625
FIWA-336	3.0	1.5	35.75
FIWA-512	5.625	1.875	12.125
FIWA-609	6.0	1.5	9.75
FIWA-629	6.0	3.5	29
FIWA-718	6.0	2.625	18
FIWA-736	6.0	2.625	36

## PERFORMANCE

- **Recommended Flow Rate:** 35 gpm max. per 718 element
- **Water Absorption Capacity:** 0.5 to 2 quarts per 718 element; flow and viscosity dependent. Lower flow and viscosity yields higher absorption capacities.

## PARTICLE RETENTION

- **Particulate Efficiency:** Nominal
- **Grade [µm]:** 0.5, 1, 3, 5, 10, 25
- **Water Absorption:** ≤ 15 ppm effluent with influent water concentrations ranging from 40 to 1000 ppm.

## NOTES

1. Max. D.P. may be limited by vessel manufacturer's design.

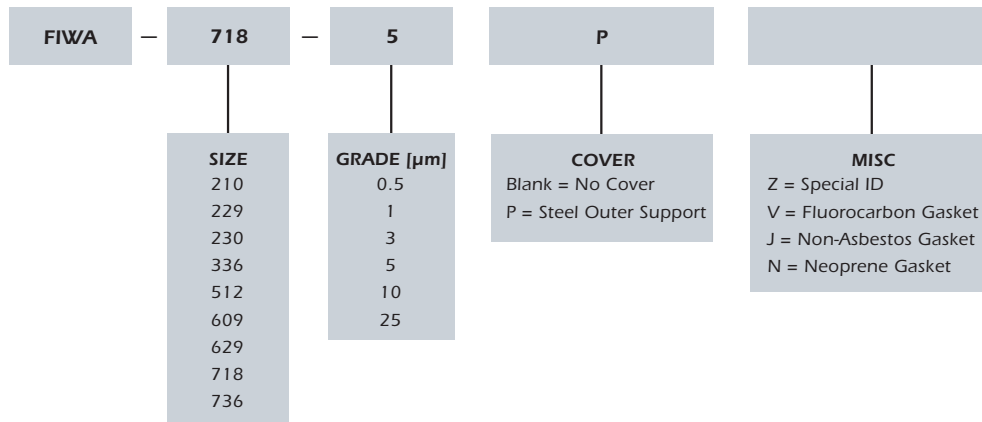
## REPLACEMENT OPTION FOR

- |               |           |
|---------------|-----------|
| ▪ Filter-Mart | ▪ Nugent  |
| ▪ Fluitek     | ▪ Refilco |
| ▪ Hilco       | ▪ Royal   |
| ▪ Jonell      | ▪ Velcon  |
| ▪ Kaydon      | ▪ Others  |

## VESSELS

- PECO Series 55, RFF, 56 and RGG
- Facet series M and VF
- Hillco
- Hillard
- Rosedale
- Parker
- Velcon
- Others

## ORDERING INFORMATION



- Other sizes available on request.