

KETCO SPIRALFLOW



FEATURES

► ***Innovative diamond-pattern winding***

The advanced spiral design effectively traps larger particles on the outer layers while progressively capturing finer contaminants deeper within. This gradient density structure enhances filtration efficiency and significantly increases dirt-holding capacity—offering up to 30–50% longer service life compared to traditional string wound designs. A special surface treatment also helps to minimize fiber migration, ensuring cleaner downstream flow and greater system reliability.

► ***High flow rate with low pressure drop***

Engineered winding pattern enables efficient flow with minimal energy consumption.

► ***Available in a wide range of micron ratings (1–150µm)***

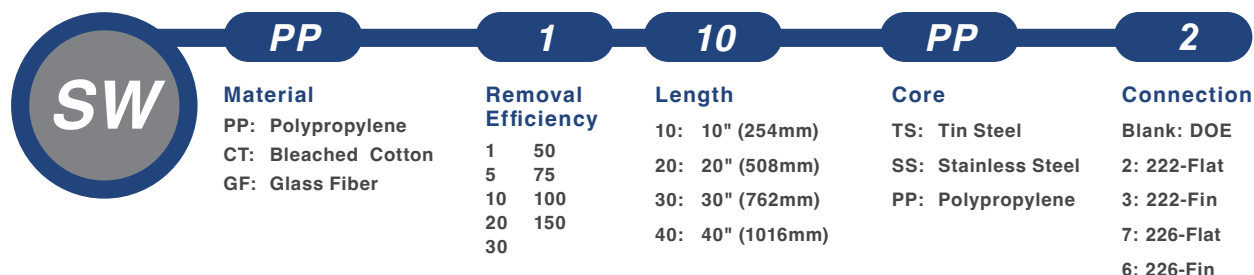
Versatile performance tailored for various industrial applications.

► ***Multiple end cap and gasket options***

Compatible with DOE, SOE (222/226), and various O-ring materials for system adaptability.



ORDERING GUIDE



Available Micron Range



SPECIFICATIONS

Filter Media	Polypropylene, Bleached Cotton, Glass Fiber
Filtration Efficiency	≥90% Nominal Efficiency
Outer Diameter	63 mm (2.5")
Lengths Available	10", 20", 30", 40"
End Cap Configuration	DOE, SOE (222/226 with Flat or Fin)
Gasket/O-Ring	EPDM, Buna-N, Silicone, Viton
Recommended Change-Out Diff. Pressure	1.5–2.5 bar (21–36 psi)
Max. Differential Pressure	3.4 bar (50 psi) @ 25°C
Chemical Compatibility	Excellent with Acids, Alkalis, and Solvents

APPLICATIONS

- ▶ **GENERAL WATER TREATMENT** Sediment removal in municipal, industrial, and commercial systems.
- ▶ **REVERSE OSMOSIS PRE-FILTRATION** Protects RO membranes from particulate fouling and extends system life.
- ▶ **CHEMICAL PROCESSING** Suitable for filtering acids, alkalis, solvents, and process fluids.
- ▶ **FOOD & BEVERAGE PRODUCTION** Clarification of syrups, beverages, and liquid ingredients.
- ▶ **OIL & GAS OPERATIONS** Removal of particulates from injection water, fuels, and lubricants.
- ▶ **ELECTROPLATING & METAL FINISHING** Filtration of plating baths, degreasing solutions, and process rinse water.
- ▶ **PAINTS, INKS, AND COATINGS** Eliminates particles that could affect finish quality and equipment performance.
- ▶ **COOLING TOWER & BOILER FEED WATER** Reduces scaling and fouling by removing suspended solids.

