



PRODUCT DETAILS

The TS10BIGSX 1-Micron Pleated Cartridge is commonly used as primary filtration for sediment, as it can be cleaned and reused to extend its service life.

50- and 20-micron versions are often used as the first in a series of filters, including as the primary filter in UV kits. Pleated cartridges have a large surface area to accommodate high flows with little pressure drop.

SPECIFICATIONS

CARTRIDGE SIZE	10" BIG
CONFIGURATION	SX — Double Open End
NOMINAL FILTRATION	1 micron
FILTER MEDIUM	Pleated polyester fabric
RECOMMENDED FLOW RATE	≤ 42 l/min
OUTER DIAMETER (OD)	118 mm (4.5")
INNER DIAMETER (ID)	27 mm (1.1")
LENGTH	250 mm (10")
WORKING TEMP	4 deg C - 45 deg C
COUNTRY OF ORIGIN	Italy

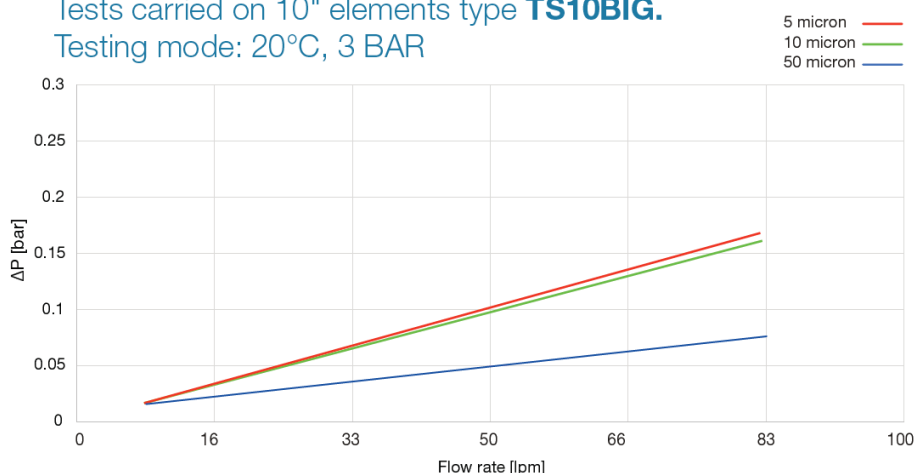
FEATURES & BENEFITS

- 1-micron nominal filtration reduces sediment, silt, sand, rust and suspended particulates
- Pleated polyester media provides a large filtration surface area for high flow rates
- Low pressure drop helps maintain system performance
- Washable and reusable design extends cartridge service life, with durable polypropylene core and end caps
- Double open-end (DOE) configuration – fits 10" BIG housings

Flow Rate vs Pressure Drop ΔP

Tests carried on 10" elements type **TS10BIG**.

Testing mode: 20°C, 3 BAR



MAINTENANCE

Replacement interval depends on source water quality and flow rate.

Replace filters every 12 months OR when the difference between inlet and outlet pressure approaches 1 bar (pressure drop) with water running.