



## PRODUCT DETAILS

The TS20BIGSX 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        | 20" BIG                  |
| CONFIGURATION         | SX — Double Open End     |
| NOMINAL FILTRATION    | 1 micron                 |
| FILTER MEDIUM         | Pleated polyester fabric |
| RECOMMENDED FLOW RATE | ≤ 67 l/min               |
| OUTER DIAMETER (OD)   | 118 mm (4.5")            |
| INNER DIAMETER (ID)   | 27 mm (1.1")             |
| LENGTH                | 508 mm (20")             |
| WORKING TEMP          | 4 deg C - 45 deg C       |
| COUNTRY OF ORIGIN     | Italy                    |

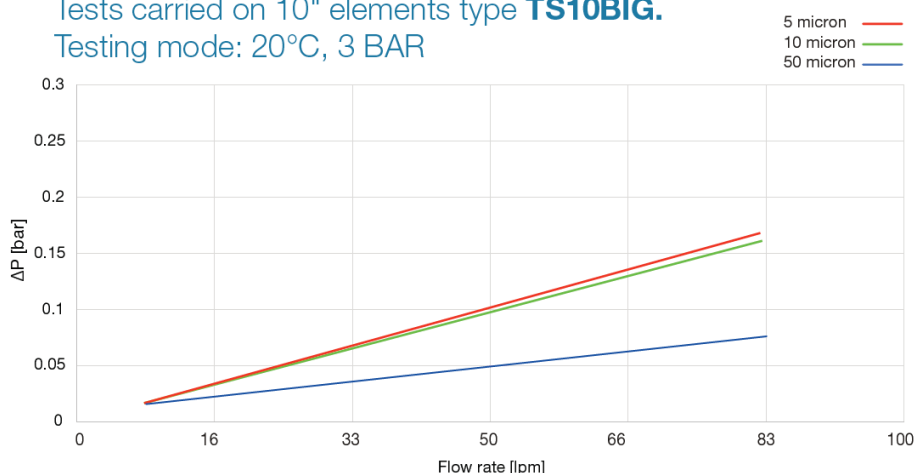
## FEATURES & BENEFITS

- 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 20" BIG housings

### Flow Rate vs Pressure Drop $\Delta p$

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.