



# TS pleated polyester fabric

**Sediment filtration.**  
**Average life-span:** 6-12 months.  
**Maintenance:** none.

## WORKING CONDITIONS

Max working temperature \_\_\_\_\_ 45°C (113°F)  
 Min working temperature \_\_\_\_\_ 4°C (39,2°F)

## SPECIFICATIONS

Non-toxic materials, suitable for drinking water.  
 Filter medium: polyester fabric.  
 Inner core and end caps: polypropylene.  
 Flat seals SX: SEBS with antimicrobial technology.  
 O-rings BX and CX: EPDM.

Washable cartridges made of pleated fabric with large filtering surface, long service time, high water flow and low pressure drop, filtration at 50 micron. Height from 4" to 20".

## TS SX

### PLEATED POLYESTER FABRIC WITH DOUBLE OPEN END (DOE)

| CODE                | MODEL               | NOMINAL HEIGHT | NOMINAL FILTRATION MICRON | RECOMMENDED FLOW RATE l/h | DIMENSIONS MM |    |    |
|---------------------|---------------------|----------------|---------------------------|---------------------------|---------------|----|----|
| OD 1,77" x ID 0,71" |                     |                |                           |                           | A             | B  | C  |
| RA5040114           | TS MIGNON SX 50 mcr | 5" M           | 50                        | 800                       | 122           | 50 | 20 |
| OD 2,40" x ID 1,10" |                     |                |                           |                           |               |    |    |
| RA5041114           | TS 4 SX 50 mcr      | 4"             | 50                        | 1000                      | 101           | 70 | 30 |
| RA5042114           | TS 5 SX 50 mcr      | 5"             | 50                        | 1200                      | 125           | 70 | 30 |
| RA5044114           | TS 7 SX 50 mcr      | 7"             | 50                        | 1700                      | 173           | 70 | 30 |
| RA5045114           | TS 10 SX 50 mcr     | 10"            | 50                        | 2500                      | 250           | 70 | 30 |
| RA5047114           | TS 20 SX 50 mcr     | 20"            | 50                        | 4000                      | 505           | 70 | 30 |

## TS BX

### PLEATED POLYESTER FABRIC WITH DOUBLE O-RING COLLAR 45 MM

| CODE                | MODEL           | NOMINAL HEIGHT | NOMINAL FILTRATION MICRON | RECOMMENDED FLOW RATE l/h | DIMENSIONS MM |    |    |
|---------------------|-----------------|----------------|---------------------------|---------------------------|---------------|----|----|
| OD 2,40" x ID 1,10" |                 |                |                           |                           | A             | B  | C  |
| RA5042214           | TS 5 BX 50 mcr  | 5"             | 50                        | 1200                      | 125           | 70 | 30 |
| RA5044214           | TS 7 BX 50 mcr  | 7"             | 50                        | 1700                      | 173           | 70 | 30 |
| RA5045214           | TS 10 BX 50 mcr | 10"            | 50                        | 2500                      | 250           | 70 | 30 |
| RA5047214           | TS 20 BX 50 mcr | 20"            | 50                        | 4000                      | 505           | 70 | 30 |

## TS CX

### PLEATED POLYESTER FABRIC WITH DOUBLE O-RING COLLAR 57 MM

| CODE                | MODEL           | NOMINAL HEIGHT | NOMINAL FILTRATION MICRON | RECOMMENDED FLOW RATE l/h | DIMENSIONS MM |    |    |
|---------------------|-----------------|----------------|---------------------------|---------------------------|---------------|----|----|
| OD 2,40" x ID 1,10" |                 |                |                           |                           | A             | B  | C  |
| RA5045314           | TS 10 CX 50 mcr | 10"            | 50                        | 2500                      | 250           | 70 | 40 |
| RA5047314           | TS 20 CX 50 mcr | 20"            | 50                        | 4000                      | 505           | 70 | 40 |

TS cartridges are available in a variety of:

### CONFIGURATIONS:

- SX standard configuration double open end (DOE) available for every height and diameter.
- BX proprietary configuration with double o-ring collar 45 mm, suitable to PLUS 3P BX housings, DP housings, K DP housings.
- CX proprietary configuration with double o-ring collar 57 mm, suitable to PLUS 3P CX, K DP housings.

### MODELS:

- TS MIGNON series 5"M OD 1.77" ID 0.71, SX configuration.
- TS series from 4" to 20" OD 2.40" ID 1.10", SX, BX, CX configurations.

### CERTIFICATIONS



TS cartridges are tested and certified under the most stringent procedures worldwide, in compliance with DM 25 (Italy), with the sanitary certification EAC/Ghostreghistrizia (Russia) and WaterMark (Australia).

### FLOW RATE vs PRESSURE DROP $\Delta p$

Tests carried on 10" elements type **TS 10 SX**.  
 Testing mode: 20°C, 3 BAR

