

## STARLIFE

- High chemical compatibility
- Wide range of filtration ratings
- Available in several configurations
- Thermowelded construction up to 40"
- EC-listed materials for Food contact
- FDA-listed materials per CFR21



STARLIFE is a depth filter integrally manufactured with polypropylene. The filter media is obtained by Melt-Blown process technology; the microfibers with a precise and controlled diameter are thermally bounded in order to obtain a porosity decreasing from external to internal, to obtain high dirt holding capacity with low filtration cost. The strongly bounded microfibers provide high resistance to pressure drop increase and preserve constant flow rate. The high chemical compatibility of the polypropylene allows the use from industrial general applications to Food&Beverage applications.

### MATERIALS OF CONSTRUCTION

<b>Filter media</b>	polypropylene
<b>Internal Core</b>	no core
<b>External Cage</b>	no cage
<b>End caps / Adapters</b>	polypropylene

### FOOD-SAFETY

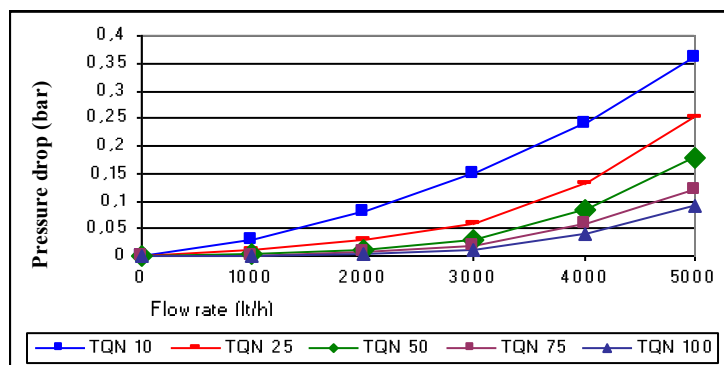
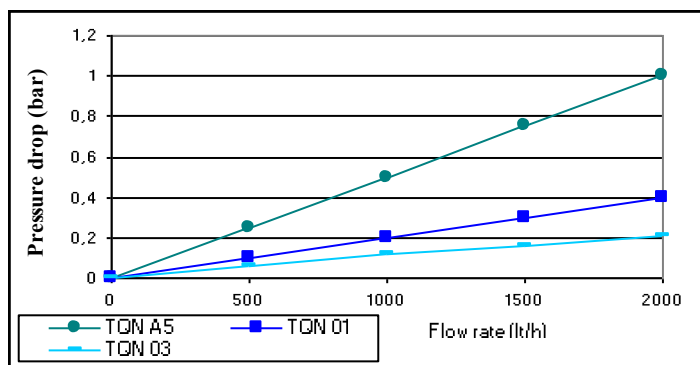
STARLIFE filter element material meet (EU) regulation 10/2011 and its amendments, regulations (EC) 1935/2004 and 1895/2005.

### OPERATING CONDITIONS

<b>- max. continuous temperature</b>	65 °C
<b>- sanitization with hot water</b>	70 °C max
<b>- max. differential pressure</b>	4,0 bar at 25 °C
<b>- recommended change out differential pressure</b>	2,0 bar at 25 °C

CODE	FILTRATION RATING (µm)	MAX. FLOW RATE FOR 10" CARTRIDGE (l/h)
A5	0,5	200
01	1,0	500
03	3,0	900
05	5,0	2200
10	10,0	3000
20	20,0	3000
25	25,0	3000
50	50,0	3000
75	75,0	3000
100	100,0	3000

## WATER FLOW RATE FOR 10" CARTRIDGE



## STARLIFE ORDERING INFORMATION

**TQN - 01 - 10 - 05 - Z -**

EXTERNAL DIAMETER	END FITTING	CODE
66 mm	DOE: double open end with thermobonded Polyethylene gasket.	<b>01</b>
	SOE: open end with (2) O-Ring 2.222. Blind end with flat top.	<b>03</b>
	SOE: open end with (2) O-Ring 2.226 and 2 bayonet locks. Blind end with fin.	<b>07</b>
	SOE: open end with (2) O-Ring 2.222. Blind end with fin.	<b>08</b>
63 mm	DOE: double open end without gaskets.	<b>00</b>

FILTRATION RATING	CODE
0,5 µm	<b>A5</b>
1,0 µm	<b>01</b>
3,0 µm	<b>03</b>
5,0 µm	<b>05</b>
10,0 µm	<b>10</b>
20,0 µm	<b>20</b>
25,0 µm	<b>25</b>
50,0 µm	<b>50</b>
75,0 µm	<b>75</b>
100,0 µm	<b>100</b>

CODE	GASKETS	END FITTING CODE
No code	NONE	00
No code	Polyethylene	01
<b>S</b>	Silicone	03
<b>E</b>	EPDM	07
<b>V</b>	Viton	07
<b>N</b>	Buna N	08

CODE	NOMINAL LENGTH
<b>09</b>	9 3/4"
<b>10</b>	10"
<b>20</b>	20"
<b>29</b>	29 1/4 "
<b>30</b>	30"
<b>39</b>	39"
<b>40</b>	40"
<b>41</b>	41"

CODE	DESCRIPTION
<b>Z</b>	No internal core No external cage

The data are informative and subject to change without notice. User is responsible for determining whether the product is fit for particular purpose and suitable for User's method of application.

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