

# DATA SHEET FILTERCARTRIDGES

## Wound cartridges

The LFS wound filter cartridges have been developed on the basis of extensive experience in filtration. Filter cartridges of excellent quality and available for a reasonable price due to the fact that they are produced by means of fast advanced production machines. The diamond shaped openings become smaller towards the core and guarantee a high impurity absorption (depth filtration) and a long lifetime. The yarn can be made of various materials, such as polypropylene, cotton or polyester. The core materials available are polypropylene, stainless steel and tinned steel. The micron ratings can vary between 0,5 $\mu$  and 150 $\mu$ . Other filter elements such as pleated stainless steel, paper or polyester can likewise be supplied. In addition there is an extensive range of filter housings in polypropylene, PVDF and stainless steel, including hygienic housings.

### Standard information

**Thickness:**

60mm

**Microrating:**

0,5/1/2/3/5/10/20/25/30/50/75/100/150

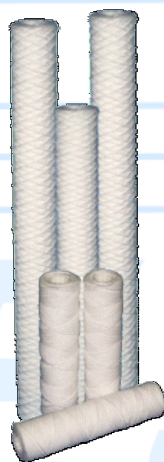
**Length in inches:**

9 $\frac{3}{4}$ /10/19/19 $\frac{1}{2}$ /20/29/29 $\frac{1}{2}$ /30/39/40/50/60

**Connection:**

DOE/M3/M8

Other connections possible.



**Ordering code:**

**10MP20**

Cartridge length (inches) \_\_\_\_\_

Filter material \_\_\_\_\_

M = polypropylene

C = bleached cotton

PE = polyester

Core material \_\_\_\_\_

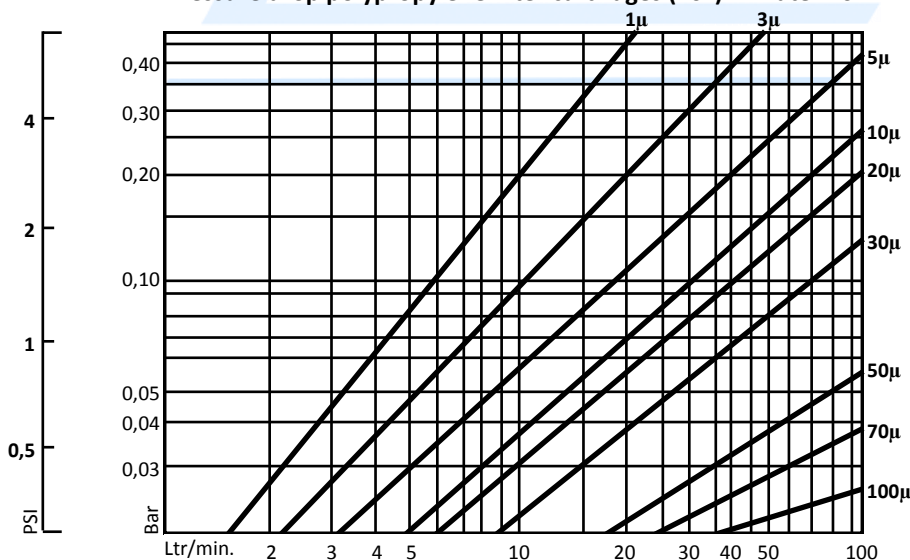
P = polypropylene

X = stainless steel

S = tinned steel

Micron rating \_\_\_\_\_

Pressure drop polypropylene filter cartridges (10") in water 20°



Micron	Efficiency	Flow 10"
0,5 – 1 $\mu$	86%	600 Ltr/H
2 – 5 $\mu$	84%	800 Ltr/H
10 – 25 $\mu$	80%	1000 Ltr/H
30 – 100 $\mu$	77%	2000 Ltr/H
> 100 $\mu$	70%	2500 Ltr/H

To calculate the pressure drop in other than water.  
Multiply the pressure drop in water by the specific gravity of the liquid.