

### Wound

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, polyester or nylon. 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.



**Ordering code: 10MP20**

Cartridge length (inches)	Micron rating
Filter material	Core
M = polypropylene	M = polypropylene
PE = polyester	X = Stainless steel
C = bleached cotton	S = Tinned steel
N = nylon	

### Specifications

#### Materials

Filter material	Polypropylene
	Polyester
	Bleached cotton
	Nylon
Core	Polypropylene
	Stainless steel
	Tinned steel

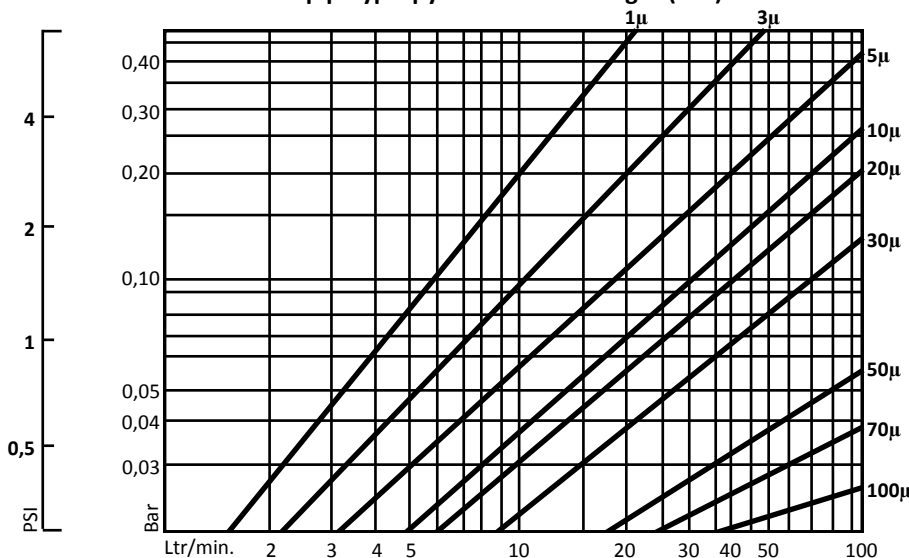
#### Dimensions

Outside diameter	60 to 110 mm
Insidediameter	27 mm
Length	9 $\frac{3}{4}$ " to 60"

#### Other

Selectivity	0,5 to 150 $\mu$
Connection	DOE
	C2, C3, C7, C8
Max differential pressure	2,5 bar
Max. Temperature (PP)	80°C
Flow rate @ 10" 10 $\mu$	1 m <sup>3</sup> /hr

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



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

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