

# FILTER CARTRIDGES SERIES WP

## DESIGN

Good-value wound cartridge with center tube, providing a true depth filtration that becomes progressively smaller towards the center tube. Therefore larger particles are trapped in the outer zone and never reach the smaller inner openings. This depth filtration is resulting in high dirt holding capacity and longer service life for economical filtration. At the same time a high flow capacity at a low difference pressure is guaranteed.

## APPLICATIONS

Both the string and the inner tube are made of pure polypropylene, which is perfectly resistant against many aceous, alkaline or aqueous solutions as well as many organic liquids. Due to the good value the filter cartridges WP are mainly used for all standard filtration applications in water treatment plants and in the plating industry. When being used for drinking water or for food and drug applications, the WP filter elements shall be rinsed after installation.



WP5P4.8

## TECHNICAL DATA

Diameter: outer diameter 64 mm, inner diameter 27 mm  
 Length: 4 7/8" to 40" (see table)  
 Flow capacity: 0,5 - 1,5 m<sup>3</sup>/h per filter element 10". For multiple long elements (20", 30", 40") the flow capacity is proportionally higher. Especially if there is high load of dirt, "oversizing" of filter elements for having low flow and low initial difference pressure is recommended since this will superproportionally increase the service life.  
 Difference pressure: Recommended initial difference pressure < 0,15 bar  
 Recommended replacement of filter cartridge at approx. 2 bar difference pressure  
 Operating temperature: max. 65 °C  
 Retention rate: 5 to 200 µm nominal (see table)

Length	Type							
	5 -m	10 -m	25 -m	50 -m	75 -m	100 -m	150 -m	200 -m
4 7/8"	WP5P4.8	WP10P4.8	WP25P4.8	WP50P4.8	WP75P4.8	WP100P4.8	WP150P4.8	WP200P4.8
5"	WP5P05	WP10P05	WP25P05	WP50P05	WP75P05	WP100P05	WP150P05	WP200P05
	Box quantity for 4-7/8" and 5" long cartridges: 48							
9 7/8"	WP5P9.8	WP10P9.8	WP25P9.8	WP50P9.8	WP75P9.8	WP100P9.8	WP150P9.8	WP200P9.8
10"	WP5P10	WP10P10	WP25P10	WP50P10	WP75P10	WP100P10	WP150P10	WP200P10
20"	WP5P20	WP10P20	WP25P20	WP50P20	WP75P20	WP100P20	WP150P20	WP200P20
	Box quantity for 9-7/8", 10" and 20" long cartridges: 24							
30"	WP5P30	WP10P30	WP25P30	WP50P30	WP75P30	WP100P30	WP150P30	WP200P30
40"	WP5P40	WP10P40	WP25P40	WP50P40	WP75P40	WP100P40	WP150P40	WP200P40
	Box quantity for 30" and 40" long cartridges: 15							

Notice: Please use 4 7/8" long cartridges for the filter chambers of the type FA51-50.