



## Poly Pleated Sediment Removal Cartridges

Model Numbers: PP10, PP10J, PP20, PP20J

### Applications

Drinking water, beverage industry, mineral water bottling, laboratory use, food industry, prefiltration ahead of sub-micron filters or Reverse Osmosis and other industrial applications where low contamination levels are needed.

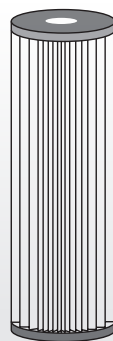
### Benefits of Microlene's Poly Pleated Sediment Removal Cartridges

Polyester Pleated cartridges offer practical filtration with the convenience of a cartridge filter and the economy of cleanability. High surface area pleated construction means longer run length, high flow rates, high dirt holding ability and low pressure drop, giving the lowest cost per litre filtered.

Once the cartridge gets dirty it can be cleaned under a tap or by gentle hosing. Severe cases can be soaked in diluted acid or other cleaners, appropriate to the deposits and then rinsed. Cartridges should be sterilised prior to re-use using bleach. Reusability means that the Polyester Pleated cartridges cost less to use than disposable depth type cartridges as they can be cleaned several times before replacement is required (note: 1 & 5 micron cartridges may only be cleanable once or twice).

The cartridges are thermally bonded to provide integral joints between the pliable endcaps and rigid centre core for added strength and long service life.

Pleated cartridges are particularly useful for low pressure applications such as domestic supplies using header tanks or roof water.



Flow Rates				
Micron Size	Standard	Flow Rate	Jumbo	Flow Rate
<b>10"</b>				
50	50PP10	48 lpm	50PP10J	100 lpm
20	20PP10	45 lpm	20PP10J	94 lpm
5	5PP10	43 lpm	5PP10J	90 lpm
1	1PP10	41 lpm	1PP10J	88 lpm
<b>20"</b>				
50	50PP20	95 lpm	50PP20J	200 lpm
20	20PP20	90 lpm	20PP20J	188 lpm
5	5PP20	85 lpm	5PP20J	180 lpm
1	1PP20	82 lpm	1PP20J	175 lpm

Specifications	
Colour	White with blue end caps
Hygenic life span	Clean and re-use when flow rate becomes too low or when head loss reaches 15psi - replace when cleaning no longer effective
Max. temperature	52°C

### TECHNICAL DATASHEET

