

# Polypropylene (PP) Filter Cartridges

## High Removal Efficiency

ROTEK's PP filter cartridges are constructed from 100% polypropylene, free from wetting agents, solvents, or binders, ensuring water safety. They effectively remove 99.98% of contaminants at their rated micron level, making them ideal for pre-RO, resin trap, and cooling water applications.

Using a unique melt-blown manufacturing process, the cartridges feature a gradual density structure—looser on the outside and tighter on the inside—providing high dirt-holding capacity, low pressure drop, and efficient removal of suspended solids, particles, and rust. This design ensures long service life and reliable filtration performance.

### Features & Benefits

- Three-layers structure cartridge offers high dirt-holding capacity, longer service life.
- 100%PP for compatibility with a wide range of process fluids.
- Micro-Denier melt-blown filtration fiber, high removal ratings.
- Core provides excellent strength.
- Certificated by NSF42 and FDA CFR Title 21.
- All kinds of adaptors are available.



### 2.5" Diameter

Part Number	Diameter	Length	Case qty
PP -10	2.5"	10" (254mm)	50
PP -20	2.5"	20" (508mm)	25

### 4.5" Diameter (Big Blue)

Part Number	Diameter	Length	Case qty
PP -10-BB	4.5"	10" (254mm)	12
PP -20-BB	4.5"	20" (508mm)	6

### Specification

Material	100% melt-blown micron-denier PP fiber
Removal Ratings	1µm / 5µm
Inner Diameter	28mm
Outer Diameter	63mm / 110mm
Maximum Withstand Pressure	120 psi
Cartridge Packaging	Shrink wrapped