



USTM

Technology
works for you

PROTECT SERIES

UST-M incorporates the most advanced antibacterial technology! To provide a totally safe antimicrobial protection, FDA GRAS (Generally Recognized As Safe) approved zinc-based substance was utilized. In contrast with competitive products it does NOT contain nano-size materials and any other chemical additives, which may cause adverse effect on human health (inflammatory response, rash, etc.).



THE FIRST FROM THE SERIES

PS-PROTECT

THE MOST ADVANCED ANTIBACTERIAL SEDIMENT PP SPUN CARTRIDGE ON THE MARKET.

ANTIBACTERIAL PP SPUN CARTRIDGES



ZINC-BASED ACTIVE AGENT

- In contrast to other antibacterial substances does not migrate to the surrounding environment
- Prevents bacterial proliferation
- Does not contain nanomaterials and heavy metals
- Antibacterial zinc-based active agent does not migrate to the surrounding environment (confirmed in an independent test according to the „Regulation (EU) No. 10/2011
- Stops sediments such as: sand, silt, rust
- Wydłużona żywotność wkładu o 50%
- Modern technological process fully supervised by Polish engineers and technologists



Zinc-based
agent



Antibacterial
active agent



No
Nanosilver



FDA GRAS
approved materials



best
production
quality

HOW IT WORKS

Antibacterial zinc-based agent utilized in PS-AB series cartridges is able to distinguish bacterial cells from human and thanks to that affects only those bacterial ones. It causes their cell wall break down. Bacterial cell loses its structural integrity and dies or loses its ability to divide (proliferate). Targeted action makes it totally safe for human organism.

- **WDepth filtration provides more efficient filtration comparing to surface filtration. The cartridge is able to stop and retain more sediments what increases its service life**
- **Three-layered structure provides gradient filtration. The cartridge is able to stop and retain more sediments what increases its longevity**
- **External indicator informs about cartridge replacement necessity**



three-layered structure



innovative technology



"food safe" product



external indicator

TECHNICAL DATA

Dimensions	5"	10"	20"	10"BB	20"BB
1 MICRONS (µm)	PS-PROTECT1/5	PS-PROTECT1	PS-PROTECT1-L	PS-PROTECT1M10BB	PS-PROTECT1M20BB
5 MICRONS (µm)	PS-PROTECT5/5	PS-PROTECT5	PS-PROTECT5-L	PS-PROTECT5M10BB	PS-PROTECT5M20BB
Dimensions	127±1 x 60±0.5 mm	253±1 x 60±0.5 mm	510±1 x 60±0.5 mm	253±1 x 110±0.5 mm	510±1 x 110±0.5 mm
Longevity	max 9 (m-ce)				
Working temp.	40 [°C]				
Flow	15(l/min)	25(l/min)	35 (l/min)	40 (l/min)	60 (l/min)

Depending on what comes first
Longevity depends on feed water quality

ATTENTION!

Alterations in texture and colour intensity do not influence the properties of the PS Protect cartridge.

